

621.32

XRAY FIXTURES *for* **INDIRECT LIGHTING**



NATIONAL XRAY REFLECTOR
NEW YORK - CHICAGO - SAN FRANCISCO
CATALOG F

PRICES
IN CATALOG
"F"
MUST BE
ADVANCED
30%

A decorative rectangular border with ornate, symmetrical corner designs and a repeating pattern along the sides.

CEILING COLOR PAGE

The light cream color of this page is the best color to use on the ceiling of rooms lighted with X-Ray indirect lighting. This color insures highly efficient results; it is a pleasing tone by day as well as by night.

The walls may be finished in any medium tone as desired. Be sure that ceiling is in a matte finish.

NATIONAL X-RAY
REFLECTOR COMPANY
CHICAGO, ILLINOIS

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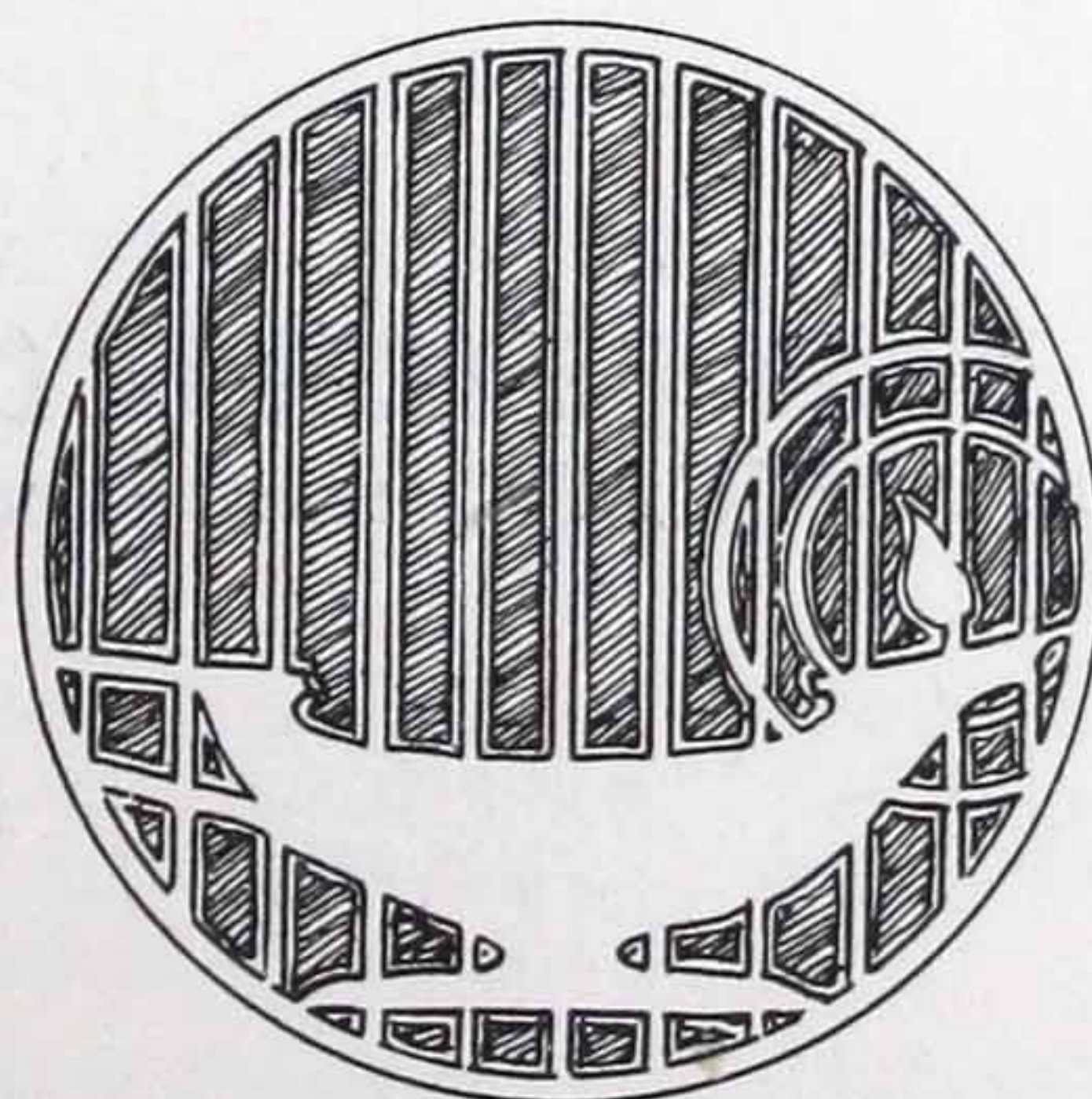


CCA

X-RAY LIGHTING SYSTEM CATALOG F

Divided Into Six Sections

LUMINOUS FIXTURES
METAL FIXTURES
COMPONE FIXTURES
CURTIS LAMPS
PEDESTAL LIGHTING
BANK DESK LIGHTING



NATIONAL X-RAY REFLECTOR CO.



Trade Mark registered
U. S. Patent Office

PATENTS

The products shown in this catalog are covered by U. S. Letters Patent shown below. Infringers will be prosecuted. Other patents pending. Foreign Patents granted and pending.

| | | | |
|--------------|----------------|---------------|----------------|
| June 4, 1912 | Mar. 18, 1913 | Mar. 23, 1915 | Jan. 16, 1917 |
| June 4, 1912 | April 15, 1913 | Oct. 26, 1915 | Feb. 6, 1917 |
| June 4, 1912 | April 22, 1913 | Dec. 21, 1915 | Aug. 21, 1917 |
| June 4, 1912 | Jan. 20, 1914 | Dec. 21, 1915 | Feb. 25, 1919 |
| June 4, 1912 | June 23, 1914 | Feb. 29, 1916 | Feb. 25, 1919 |
| Aug. 6, 1912 | Dec. 15, 1914 | July 11, 1916 | April 29, 1919 |
| Aug. 6, 1912 | Mar. 2, 1915 | Sept. 5, 1916 | |

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NATIONAL X-RAY REFLECTOR COMPANY
NEW YORK CHICAGO SAN FRANCISCO

Before Ordering—Read This

Lighting requirements are radically different for various classes of work and conditions. We can guarantee results only when fixtures are ordered and installed according to instructions given by our engineering department. The services of this department are at your disposal for the asking, without expense to you. Do not simply send in orders for certain fixtures without other information as to the installation and trust to luck for success. Please be sure you are right before going ahead, as it will be more satisfactory to you and to us.

1. Always give size and height of room and color of ceiling and side walls for each interior in question.

2. Give catalog number of fixture.

3. State finish desired (see page 28), otherwise metal fixtures will be furnished in standard finish specified under each fixture.

The finish on compone fixtures must always be specified. (See page 44.)

4. Fixtures are always furnished with keyless sockets unless otherwise specified. Pull or key sockets can in many cases be furnished when desired at slight extra cost.

5. Insulating joints for $\frac{3}{8}$ -inch gas pipe are always supplied unless otherwise specified.

6. Dimensions given on catalog pages are extreme outside measurements.

7. Prices include fixtures complete (except lamps) in standard finishes.

Prices

The prices listed in this catalog are F. O. B. Chicago and supersede all previous quotations, subject to change without notice.

Claims

All goods are inspected and packed by experienced packers and no claim for breakage in transit will be allowed. Goods are delivered to the transportation company in good condition. Any claim for breakage must be made to the transportation company.

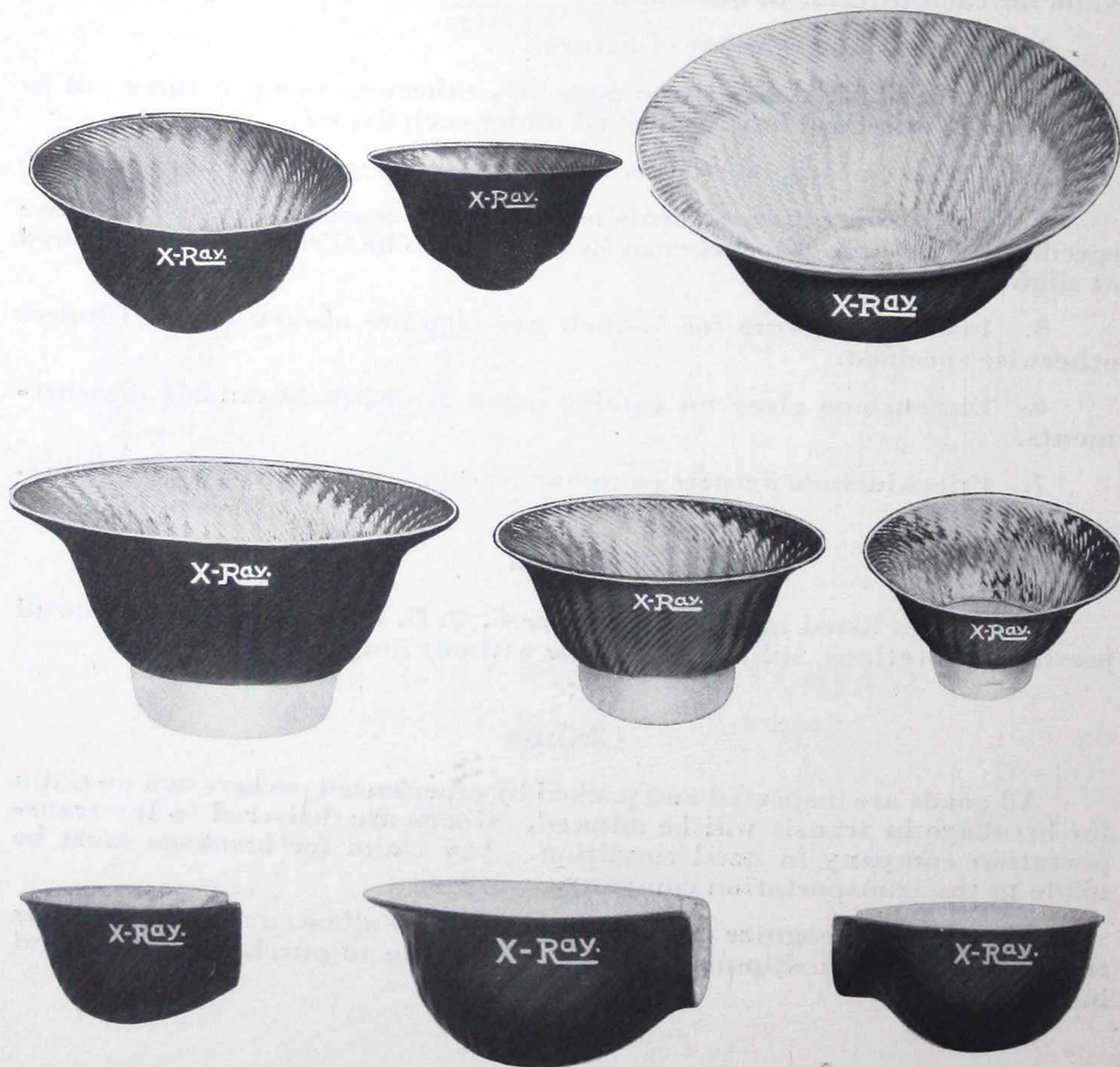
We will not recognize any charge nor will we allow any credit for goods returned if original shipment is made according to purchaser's order and instructions.

X-Ray Reflectors for Mazda "C" Lamps

The New "E. C. Series" for indirect lighting

THE new Mazda "C" gas-filled lamps (nitrogen lamps) have made possible more and better lighting for less cost. They have put X-Ray Lighting within reach of everyone. However, the introduction of these lamps presents new problems to be solved by the lighting engineer and designer. Their increased efficiency is accompanied by

much higher temperatures; the intrinsic brilliancy of the lamps is many times that of the old style lamps; and the construction and method of mounting the lamp filament is such that we have almost a point source of light. All of these things combined required the design and development of new reflectors.



The new E. C. series of Eye Comfort reflectors is designed especially for these lamps. The contours of the reflectors are such as to broadly distribute the light over the ceiling in a uniform and agreeable manner, and at the same time secure greatest efficiency of light utilization.

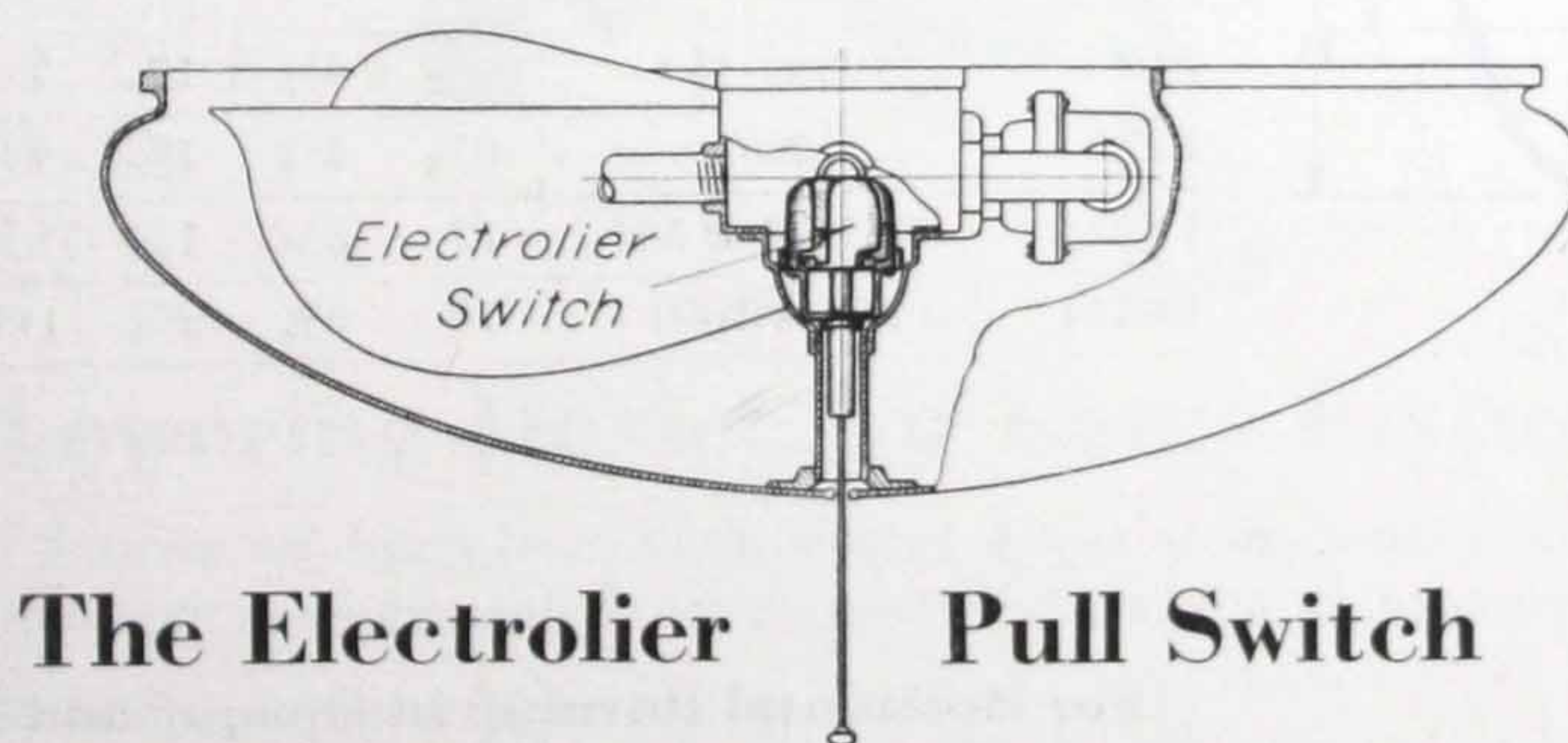
They are made more broadly distributing than any indirect lighting reflectors we have produced before. This is very desirable because the increased efficiency of gas-filled lamps makes possible lighting larger areas than formerly by means of single unit fixtures.

They are made with a high temperature backing which successfully resists the temperatures developed by the lamps. The dual system of coarse radial and fine spiral corrugations, breaks up and disperses the light to entirely eliminate streaks and striations on the ceiling. Were these reflectors constructed without the specially designed cor-

rugations, the illumination on the ceiling would present a very spotted and streaked appearance.

The luminous bowl type of reflectors is equipped with opal glass diffusers designed to transmit and redistribute a small percentage (about 7.5%) of the light which is utilized in moderately lighting the outer glass bowl.

The small size Mazda "C" gas-filled lamps (75, 100 and 150 watts) may be burned in any position, and often it is desirable to use them in the horizontal position, particularly for residence lighting fixtures. For this use the X-RAY E-60, and EC-71 reflectors are especially designed. These reflectors are built as small in size as is consistent with good design and therefore may be accommodated in very small and shallow bowls. They are intended to be used chiefly with multiple unit fixtures, and as they are used mostly for low ceiling heights, are designed broadly distributing.



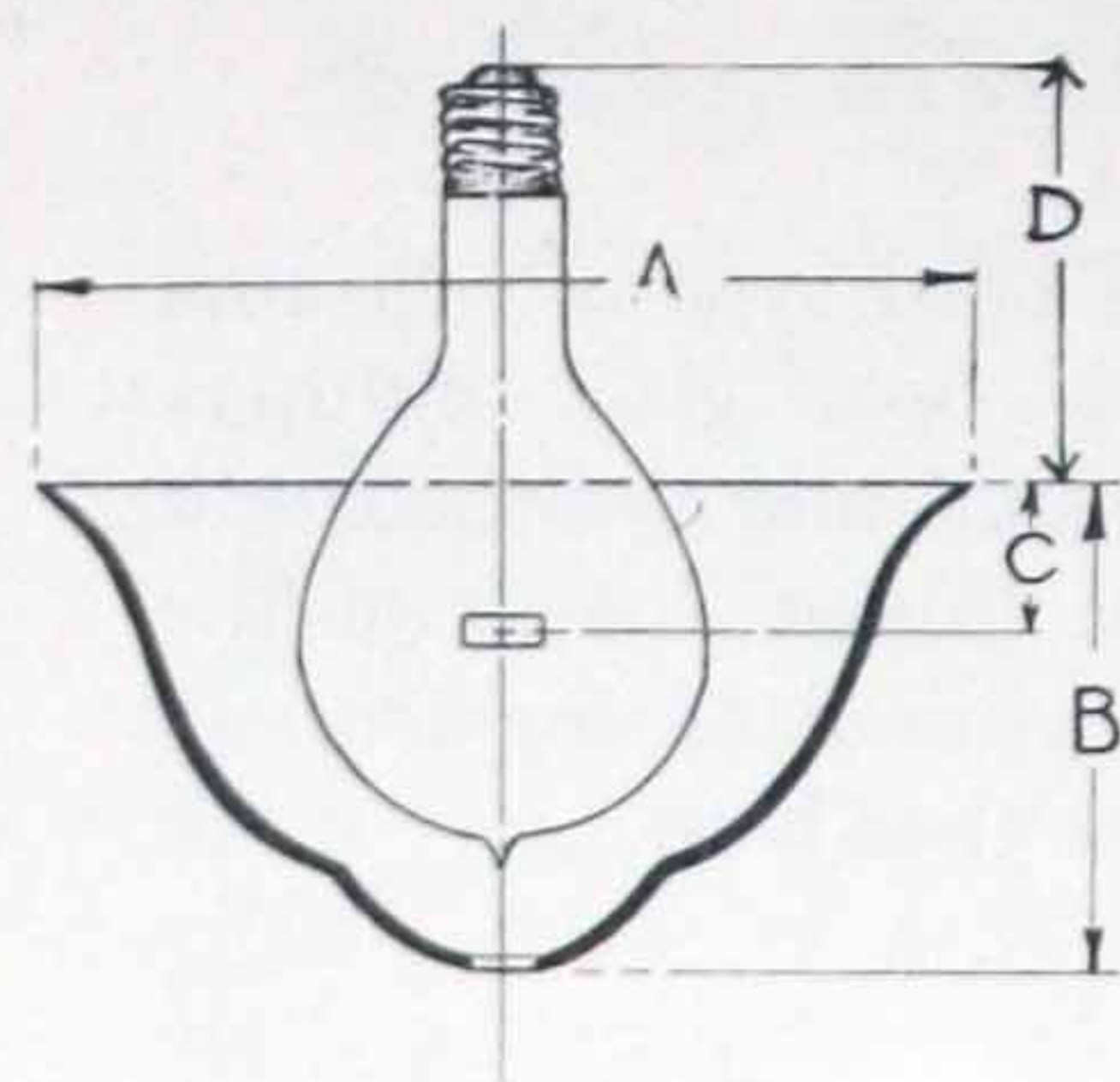
It is designed for indirect lighting fixtures where there is no wall switch in the room or where it is desired to turn on the lamps in the bowl, one at a time. This renders it especially valuable in connection with residence lighting. The switch is inside of the bowl and is operated

by pulling the cord hanging from the underside of the bowl, as illustrated.

Only fixtures containing two or more lamps can be equipped with this type of switch. An additional charge will be made when fixtures are so equipped.

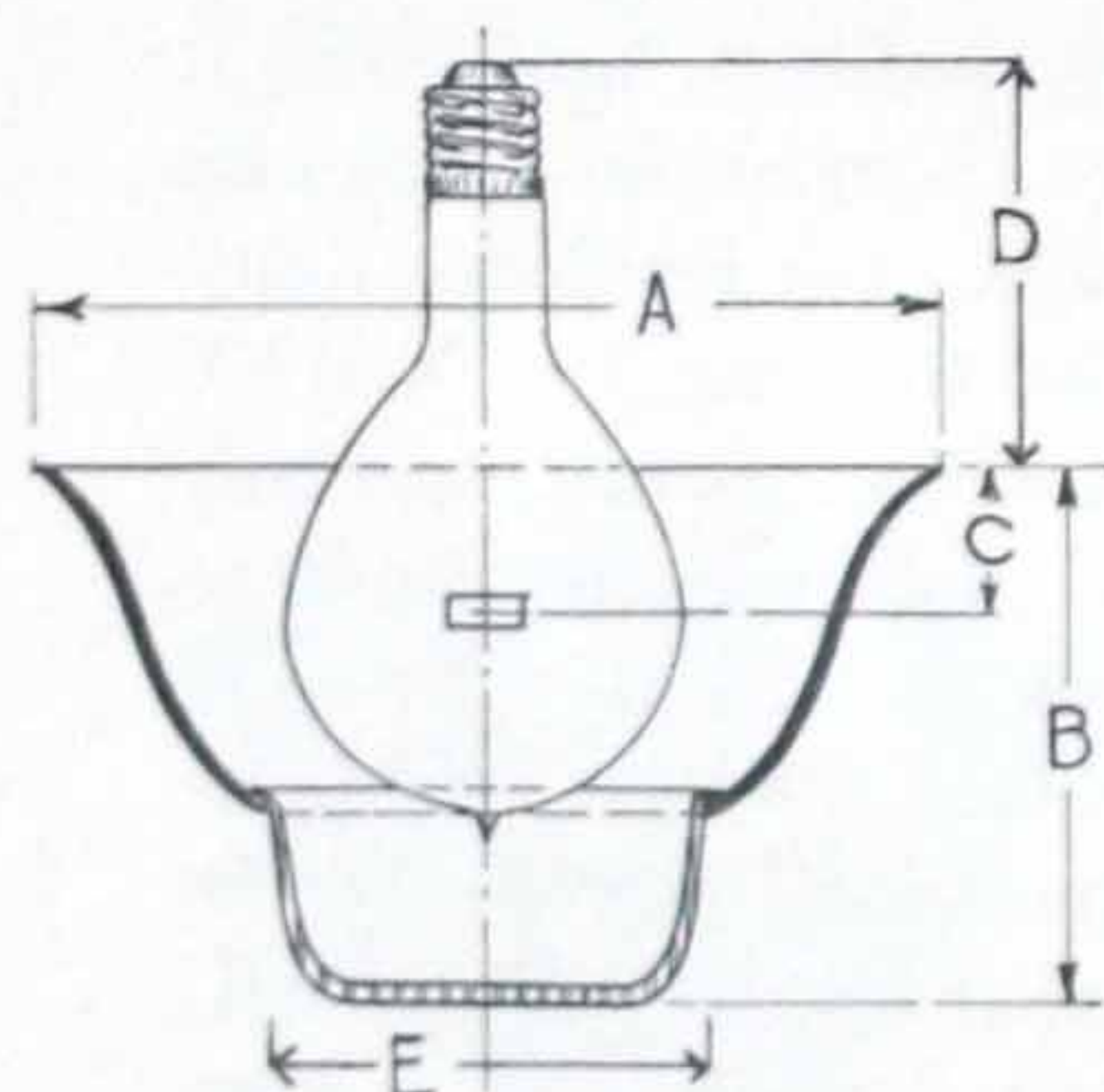
Price.....\$5.00

Correct Relation of Lamps to Reflectors



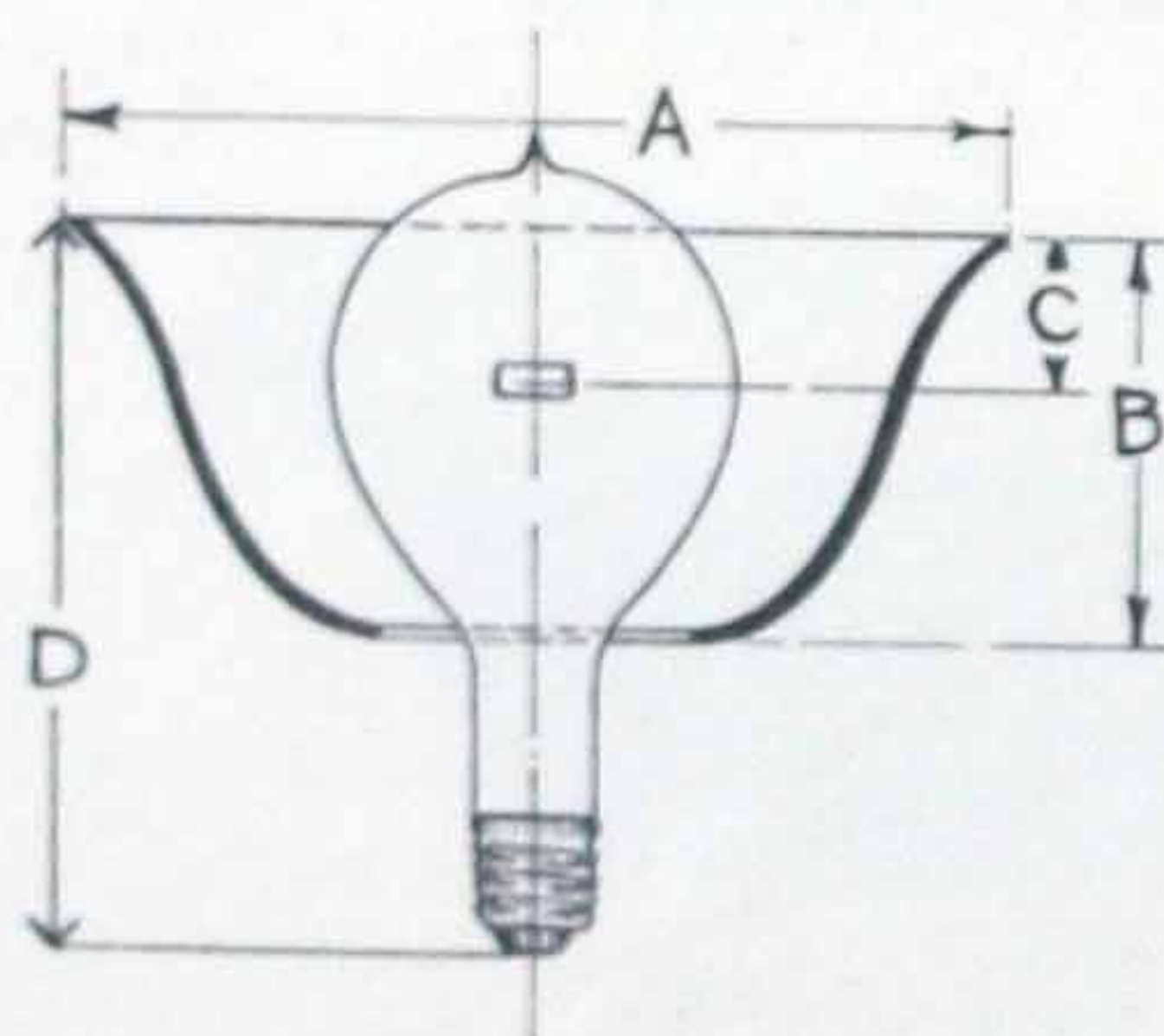
For Tip-Down Use in Opaque Bowls

| Reflector No. | Type C Lamp Watts | DISTANCE IN INCHES | | | | Cat. Letter Denoting Reflector |
|---------------|-------------------|--------------------|-------|-------|-------|--------------------------------|
| | | A | B | C | D | |
| EC12 | 100 or 150 | 9½ | 4⅓/₁₆ | 1⅓/₁₆ | 3⅜ | ... V |
| EC12 | 200 | 9½ | 4⅓/₁₆ | 1⅓/₁₆ | 4⅓/₁₆ | ... W |
| EC345 | 300, 400 or 500 | 12 | 6⅛ | 1⅞ | 5⅛ | ... M |
| EC751 | 750 or 1000 | 16 | 7⅛ | 2⅜ | 7⅛ | ... E |



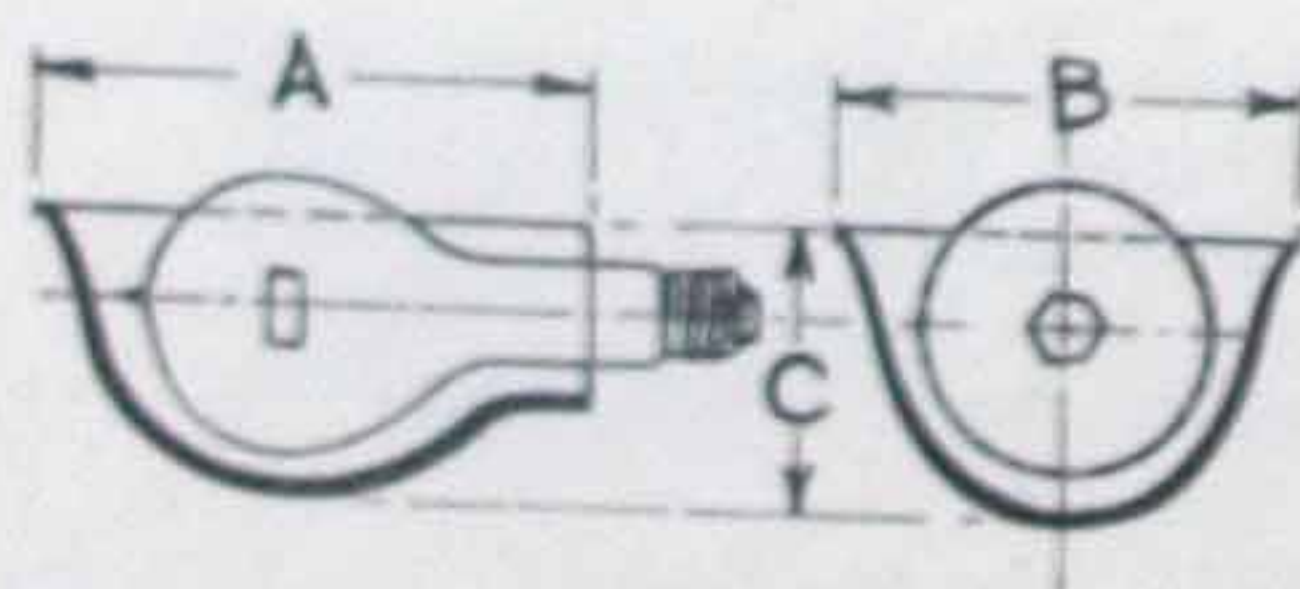
For Tip-Down Use in Luminous Bowls

| | | | | | | | |
|-------|-----------------|----|----|-------|-------|---|---|
| EC14 | 100 or 150 | 9½ | 5¾ | 1⅓/₁₆ | 3⅜ | 4 | V |
| EC14 | 200 | 9½ | 5¾ | 1⅓/₁₆ | 4⅓/₁₆ | 4 | W |
| EC346 | 300, 400 or 500 | 12 | 6⅞ | 1⅞ | 5⅛ | 6 | M |
| EC758 | 750 or 1000 | 16 | 8¾ | 2⅜ | 7⅛ | 8 | E |



For Tip-Up Use in Opaque Bowls

| | | | | | | | |
|-------|-----------------|----|-------|-------|-------|-----|---|
| EC15 | 100 or 150 | 9½ | 4⅓/₁₆ | 1⅓/₁₆ | 7 | ... | J |
| EC15 | 200 | 9½ | 4⅓/₁₆ | 1⅓/₁₆ | 7⅓/₁₆ | ... | K |
| EC344 | 300, 400 or 500 | 12 | 5⅓/₁₆ | 1⅞ | 8⅞ | ... | L |
| EC754 | 750 or 1000 | 16 | 6⅓/₁₆ | 2⅜ | 11⅞ | ... | U |



For Horizontal Burning in Opaque and Luminous Bowls

| | | | | | | | |
|------|------------|-------|------|------|-----|-----|---|
| E60 | 75 | 5⅓/₁₆ | 5 | 3 | ... | ... | A |
| EC71 | 100 or 150 | 6⅓/₈ | 5 | 3⅓/₈ | ... | ... | D |
| E155 | 200 | 7⅓/₈ | 7⅓/₈ | 3⅓/₈ | ... | ... | F |

Note—The Letter used with Catalog No. denotes Type of Reflector used in Fixture.

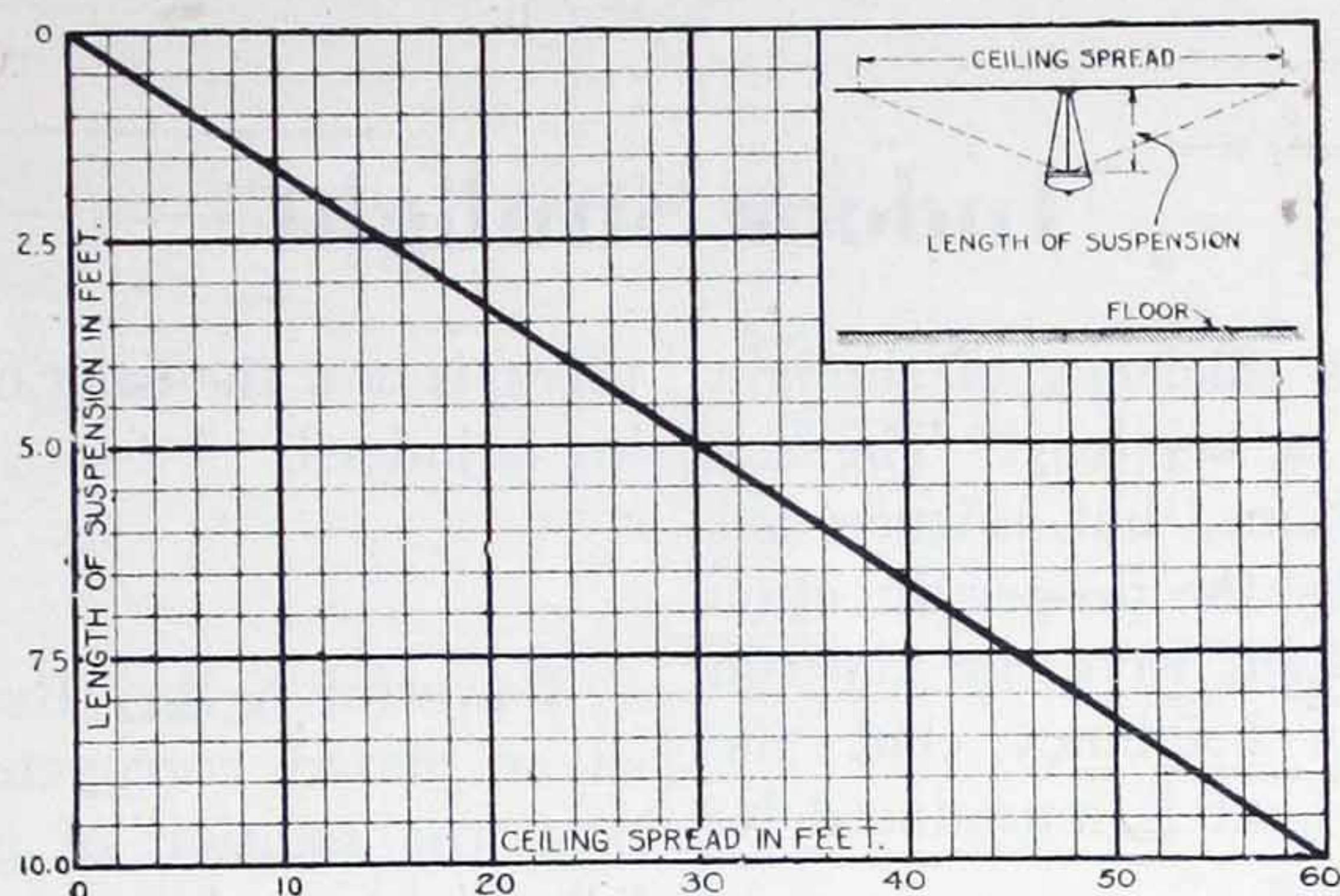


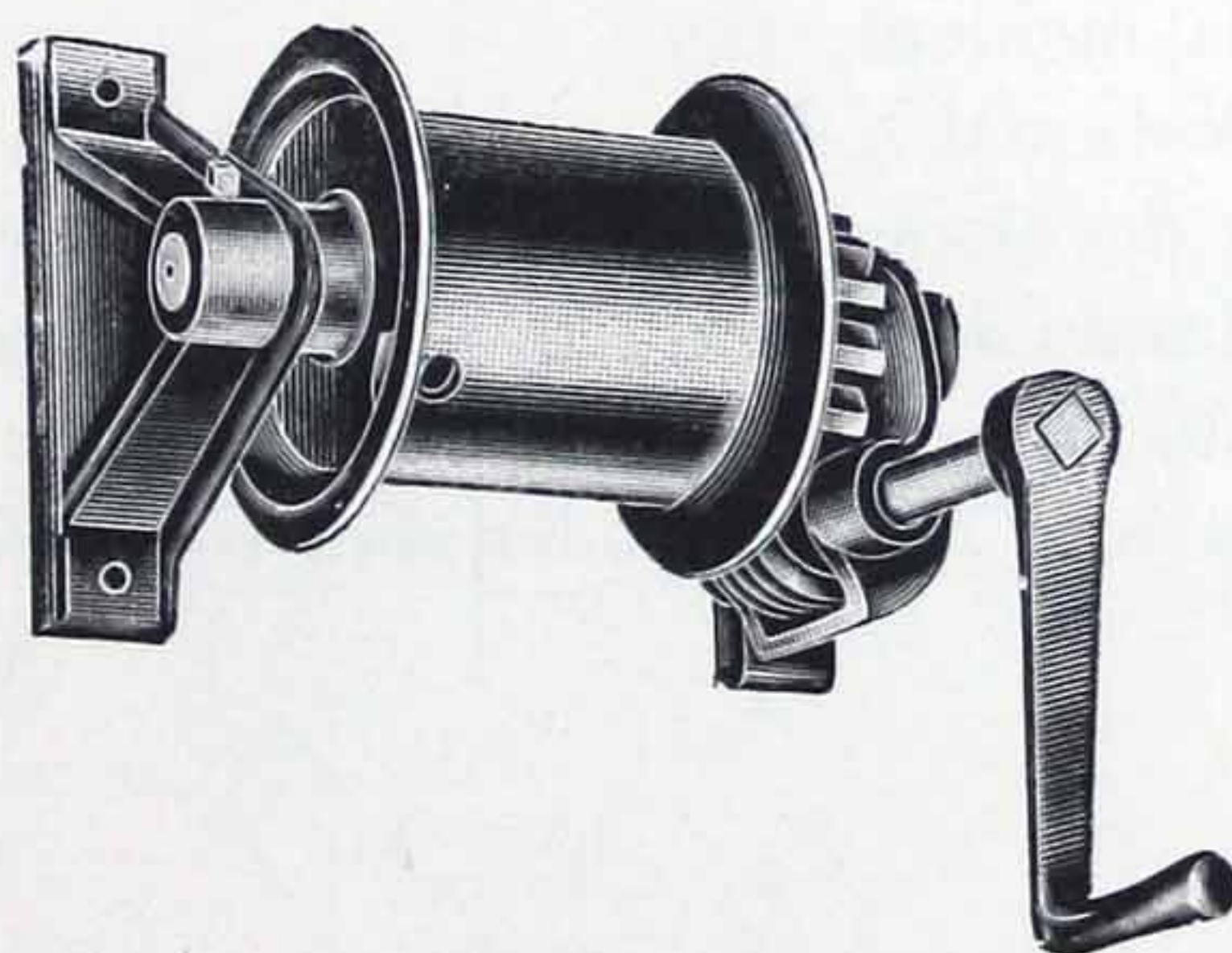
Chart to determine distance from top of fixture bowl to ceiling

Extra Lengthening

For the larger fixtures illustrated in this catalog we are prepared to furnish at the stated prices chain up to the lengths specified as follows:

| Diameter of Bowl | Distance from top of Bowl to Ceiling |
|------------------|--------------------------------------|
| 30 to 36 inches | 60 inches |
| 36 to 44 inches | 72 inches |

For longer suspensions an extra charge will be made. Prices furnished upon application.



Lowering Device for Large Fixtures

When fixtures are hung from high ceilings where access with a ladder for cleaning is impractical, arrangements must be made for lowering the fixtures.

The following equipment is recommended:

| Catalog No. | Description | Price Each |
|-------------|-------------------------------------|------------------|
| 10195 | Worm Gear Winch, lifts 500 lbs..... | \$15.00 Net |
| 10196 | Worm Gear Winch, lifts 750 lbs..... | 19.50 Net |
| 10167 | Special Hook for Canopy..... | .80 Net |
| | $\frac{3}{8}$ -inch Wire Cable..... | 11c per foot Net |

The Luminous Bowl Principle

Luminous Bowl X-Ray Fixtures are truly indirect and are not to be confused with the so-called "semi-indirect." Just as in the opaque indirect fixtures of metal and compone each lamp

With this method the bowl is not glary, nor harsh, nor obtrusive no matter how bright the lamp may be. Its faint glow casts no objectionable shadows. It does not ruin the beautiful indirect

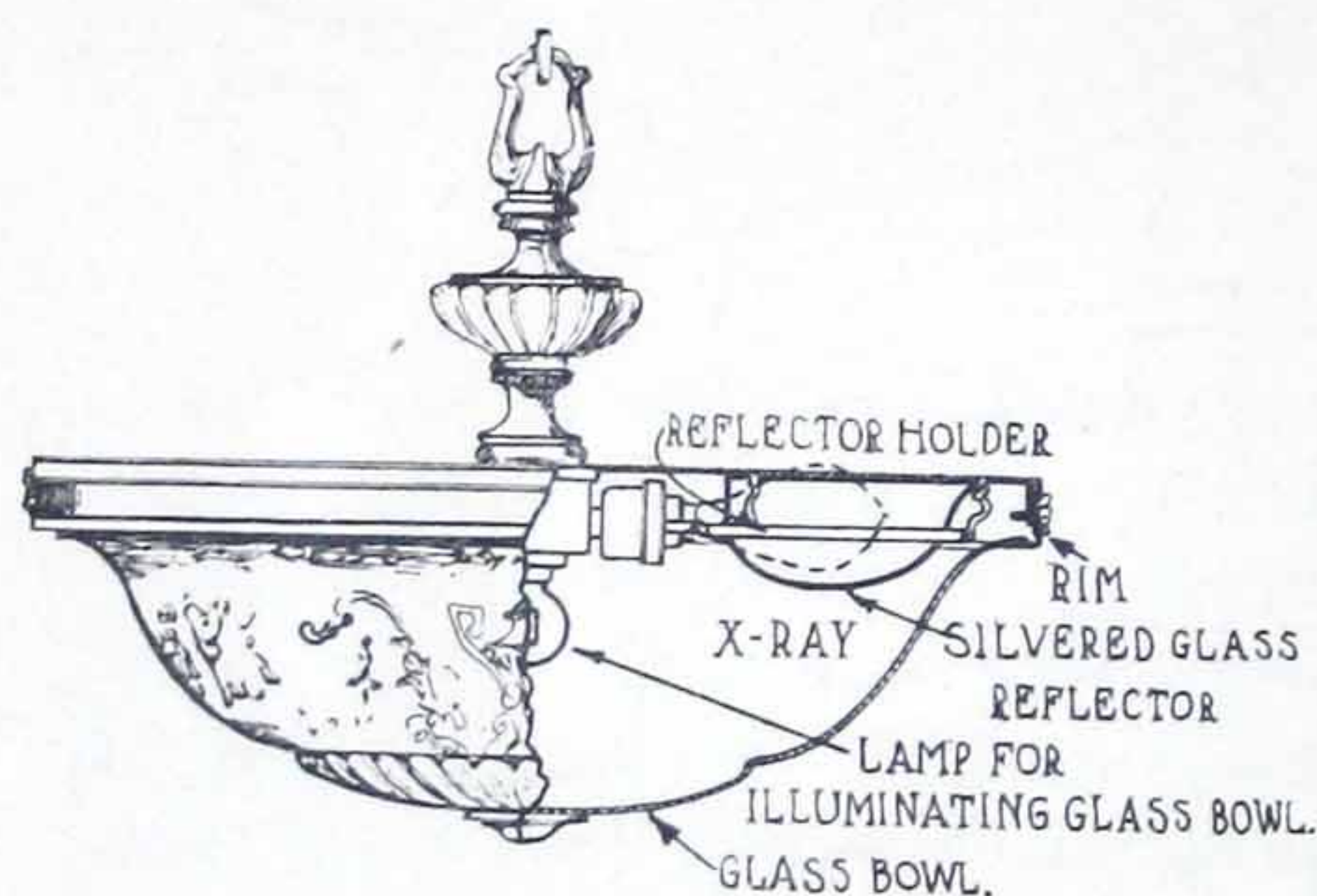


Fig. 1

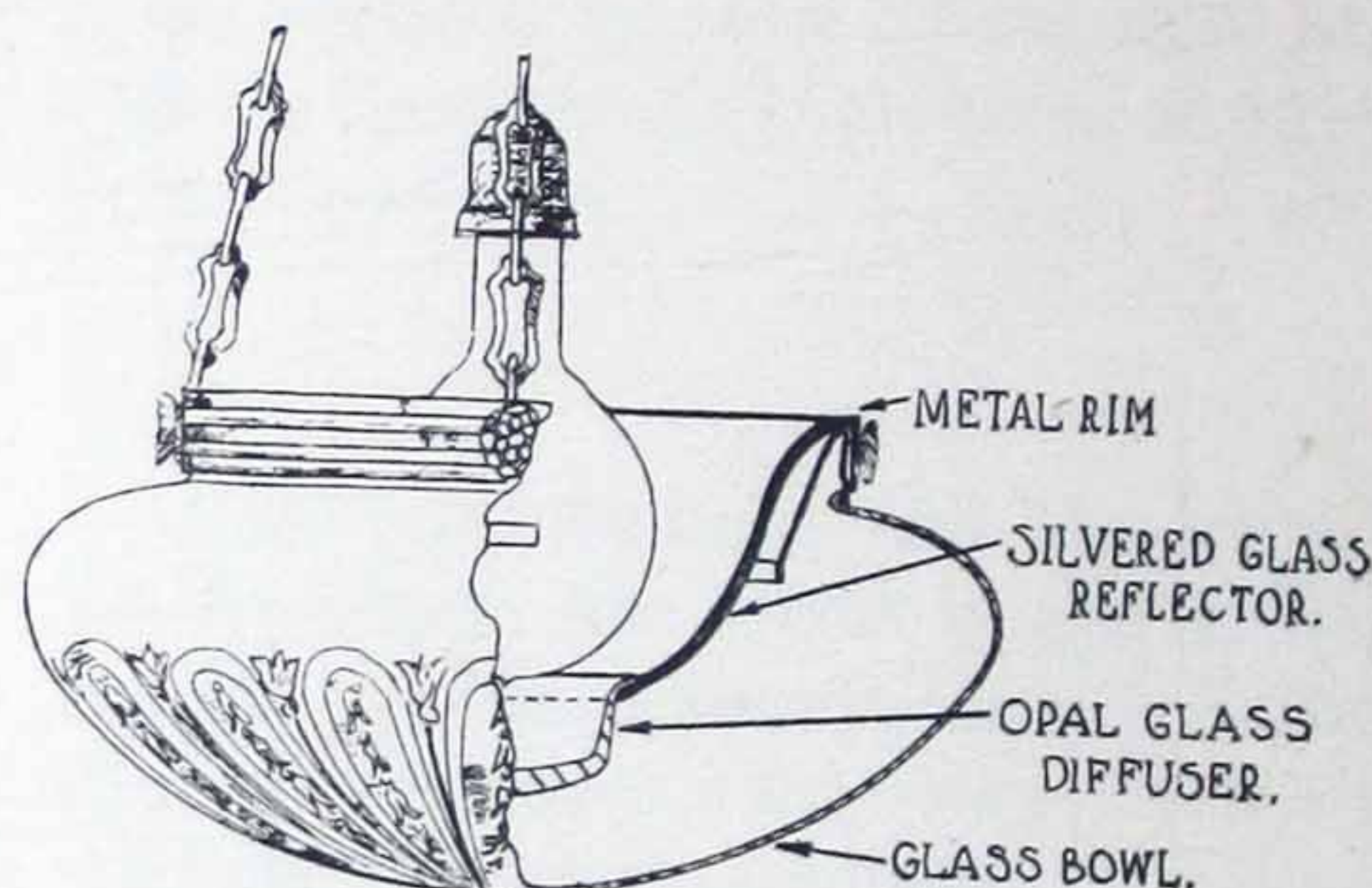


Fig. 2

is equipped with an opaque X-Ray Reflector for the purpose of directing all the light rays against the ceiling at the correct angle, thus insuring *perfect* indirect illumination. When several lamps and reflectors are used in the bowl provision is made for a small lamp the only function of which is to illuminate very softly the glass bowl or panels in the fixture. When but one lamp and reflector are used a piece of translucent white glass is set into a hole in the bottom of the reflector as in Fig. 2 permitting a small percent of the light to pass through and evenly light the bowl without any spots of light and shade.

illumination which is so essentially an illumination from concealed sources. In short, luminous bowl X-Ray fixtures possess artistically lighted bowls and do not sacrifice the indirect effect originally sought.





No. 4222 Design—Brass

Diameter 16½ inches Depth 10 inches
16-inch Molded White Glass Bowl
Standard Finish: Brushed Brass

| Catalog No. | Type | Size in | Price |
|-------------|-------|------------|---------|
| No. "C" | Lamps | Watts | Each |
| †4222A | 2 | 75 | \$55.00 |
| †4223A | 3 | 75 | 59.25 |
| 4222D | 2 | 100 or 150 | 56.00 |

No. 3863 Design—Compone

Diameter 22 inches Depth 22 inches
Cathedral White Glass Panels in Sides and
Bottom

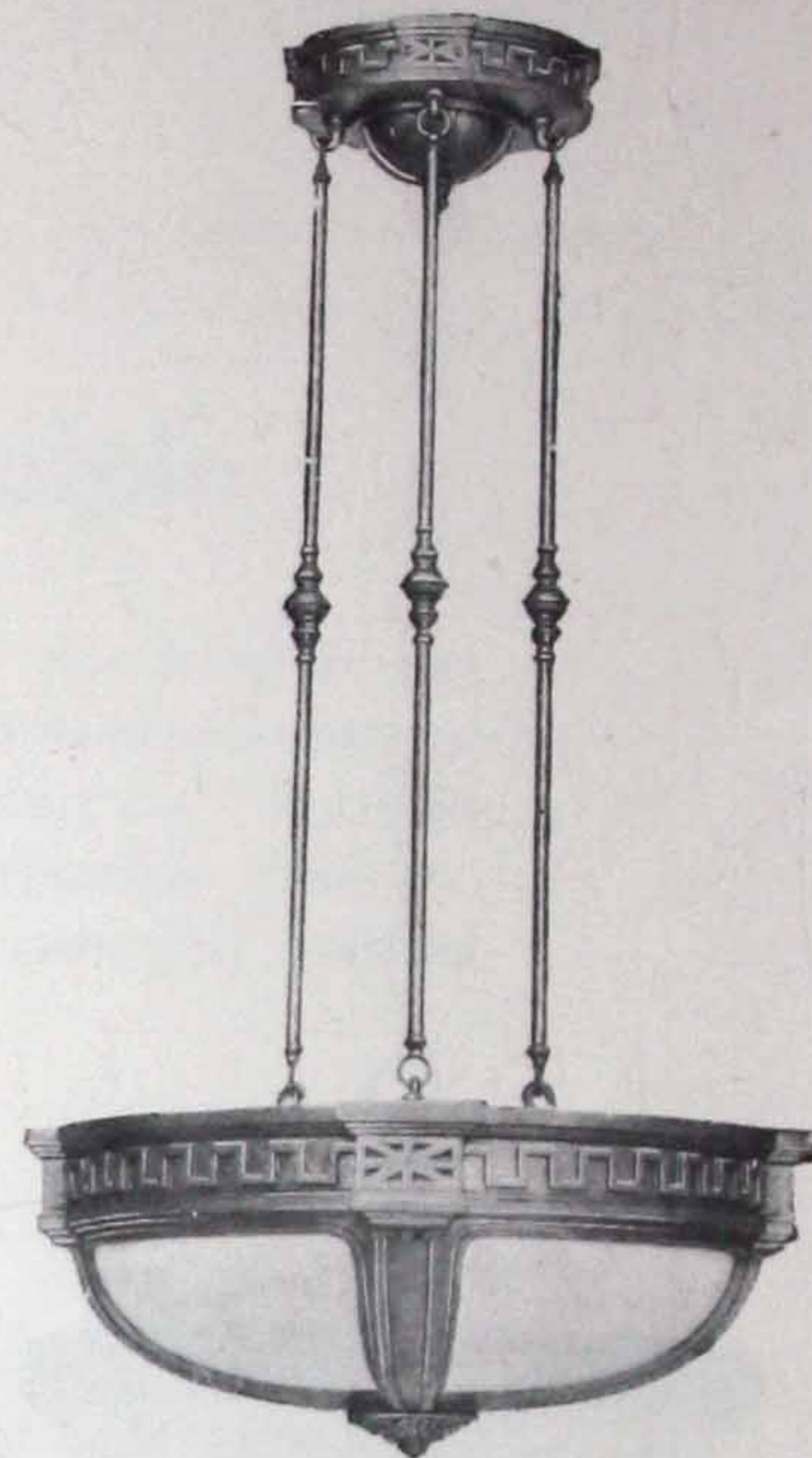
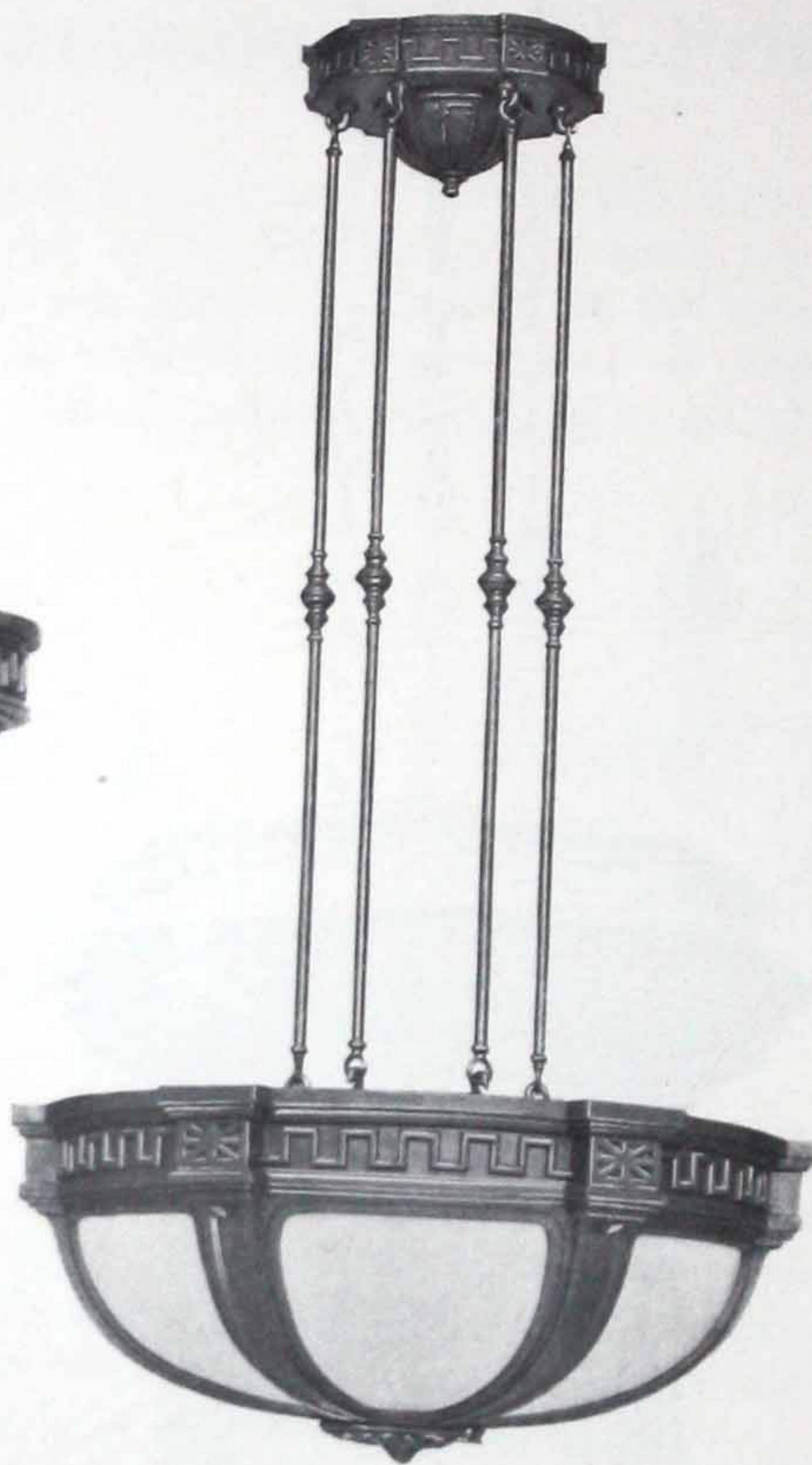
| Catalog No. | Type | Size in | Price |
|--------------------|-----------------|-----------------|----------|
| No. "C" | Lamps | Watts | Each |
| 3863D | 3 | 100 or 150 | \$144.00 |
| Diameter 36 inches | Depth 36 inches | | |
| 3832L | 2 | 300, 400 or 500 | \$218.50 |
| 3833L | 3 | 300, 400 or 500 | 230.00 |

The above fixtures can be equipped
with X-Ray Reflectors, for direct light-
ing. Prices upon application.

No. 4232 Design—Brass

Diameter 16½ inches Depth 12 inches
Standard Finish: Antique Gold

| Catalog No. | Type | Size in | Price |
|-------------|-------|------------|---------|
| No. "C" | Lamps | Watts | Each |
| †4232A | 2 | 75 | \$93.00 |
| †4233A | 3 | 75 | 97.25 |
| 4232D | 2 | 100 or 150 | 91.00 |



No. 4242 Design—Compone

Diameter 16 inches Depth 10 inches
12-inch Ribbed Glass Bowl

| Catalog No. | No. of Type | Size in | Price |
|---------------|-------------|------------|---------|
| No. "C" Lamps | Watts | Each | |
| †4242A | 2 | 75 | \$57.50 |
| 4242D | 2 | 100 or 150 | 59.00 |

Diameter 21 inches Depth 13 inches
16-inch Ribbed Glass Bowl

| Catalog No. | No. of Type | Size in | Price |
|---------------|-------------|------------|---------|
| No. "C" Lamps | Watts | Each | |
| †4252A | 2 | 75 | \$80.00 |
| †4254A | 4 | 75 | 88.50 |
| 4252D | 2 | 100 or 150 | 81.00 |
| 4254D | 4 | 100 or 150 | 90.50 |

No. 2643 Design—Compone

Diameter 30 inches Depth 12 inches
Cathedral White Glass Panels

| Catalog No. | No. of Type | Size in | Price |
|---------------|-------------|------------|----------|
| No. "C" Lamps | Watts | Each | |
| 2643D | 3 | 100 or 150 | \$136.50 |
| 2646D | 6 | 100 or 150 | 150.75 |
| §2643F | 3 | 200 | 138.00 |

Diameter 42 inches Depth 18 inches

| Catalog No. | No. of Type | Size in | Price |
|---------------|-------------|-----------------|----------|
| No. "C" Lamps | Watts | Each | |
| 3306D | 6 | 100 or 150 | \$203.00 |
| §3303F | 3 | 200 | 190.25 |
| §3306F | 6 | 200 | 206.00 |
| §3303L | 3 | 300, 400 or 500 | 222.50 |
| §3306L | 6 | 300, 400 or 500 | 257.00 |
| §3303U | 3 | 750 or 1000 | 236.00 |

6-Rod Suspension

No. 2662 Design—Compone

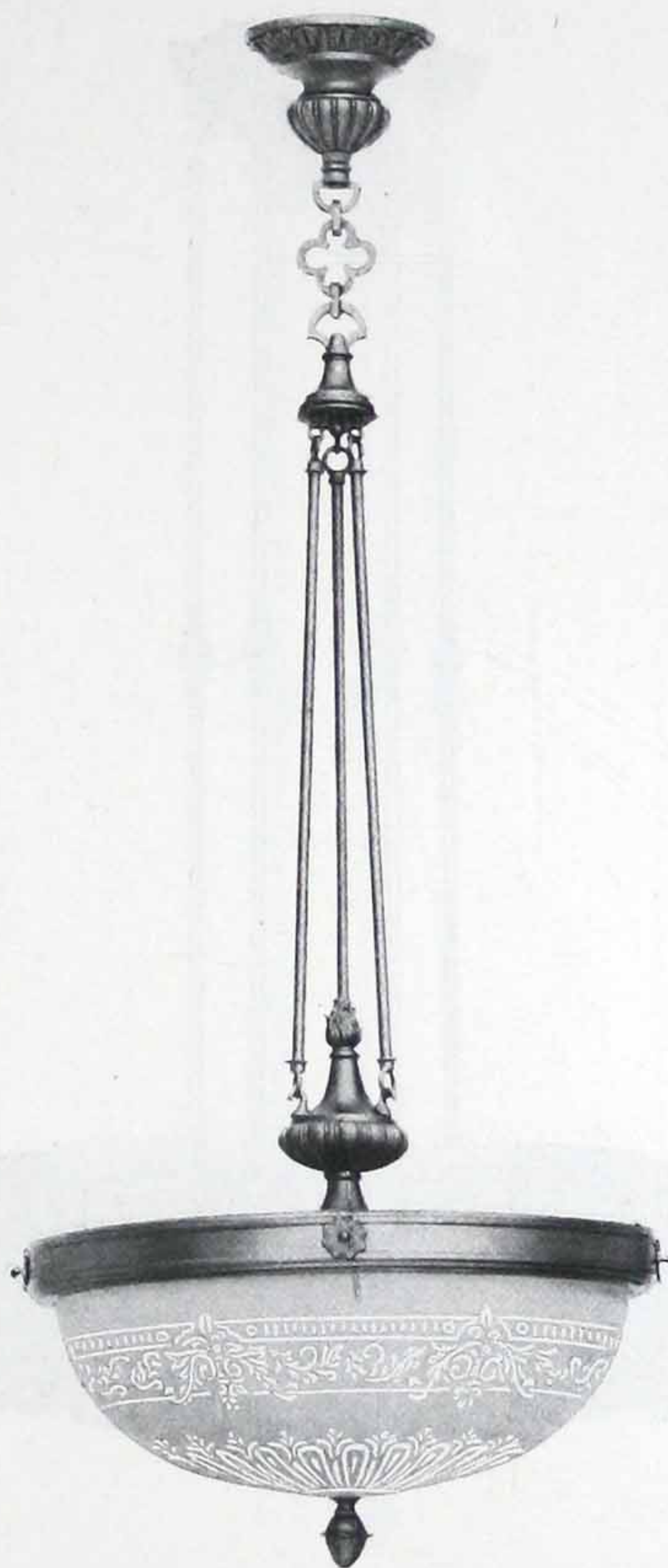
Diameter 16 inches Depth 8 inches
Cathedral White Glass Panels

| Catalog No. | No. of Type | Size in | Price |
|---------------|-------------|------------|---------|
| No. "C" Lamps | Watts | Each | |
| †2652A | 2 | 75 | \$84.50 |
| 2652D | 2 | 100 or 150 | 85.50 |

Diameter 23 inches Depth 9 inches

| Catalog No. | No. of Type | Size in | Price |
|---------------|-------------|------------|----------|
| No. "C" Lamps | Watts | Each | |
| †2662A | 2 | 75 | \$100.50 |
| †2664A | 4 | 75 | 109.00 |
| 2662D | 2 | 100 or 150 | 101.50 |
| 2664D | 4 | 100 or 150 | 111.00 |

4-Rod Suspension



No. 2133 Design—Brass

Diameter 19 inches Depth 7 inches

18-inch Etched White Glass Bowl
Standard Finish: Brushed Nickel

| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
|-------------|-----------------------|---------------|------------|
| †2133A | 3 | 75 | \$105.50 |

No. 3743 Design—Brass

Diameter 18½ inches Depth 10 inches
18-inch Etched Light Brown Finished Glass Bowl

Standard Finish: Natural Bronze

| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
|-------------|-----------------------|---------------|------------|
| †3742A | 3 | 75 | \$130.00 |
| 3743D | 3 | 100 or 150 | 131.50 |

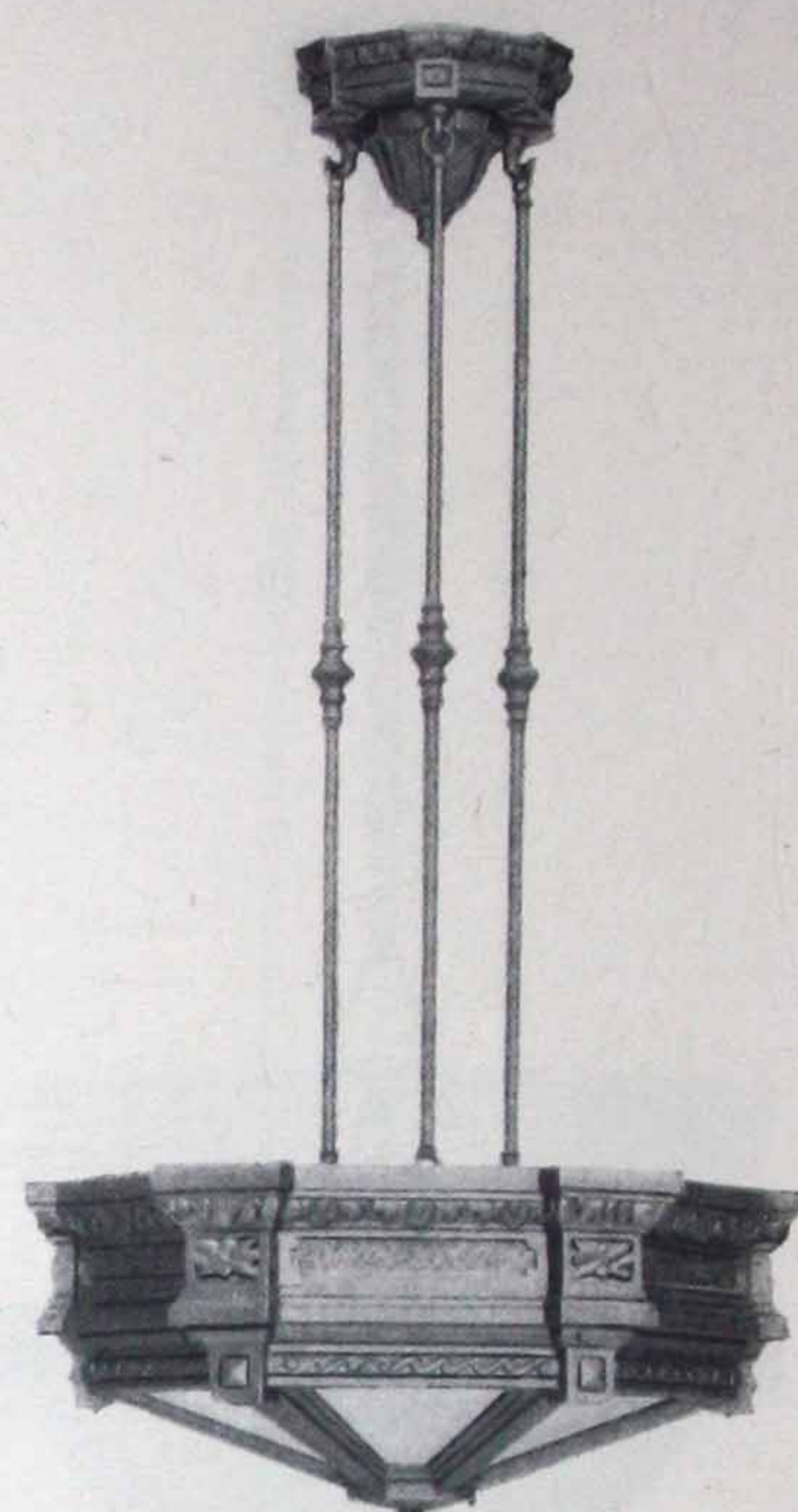
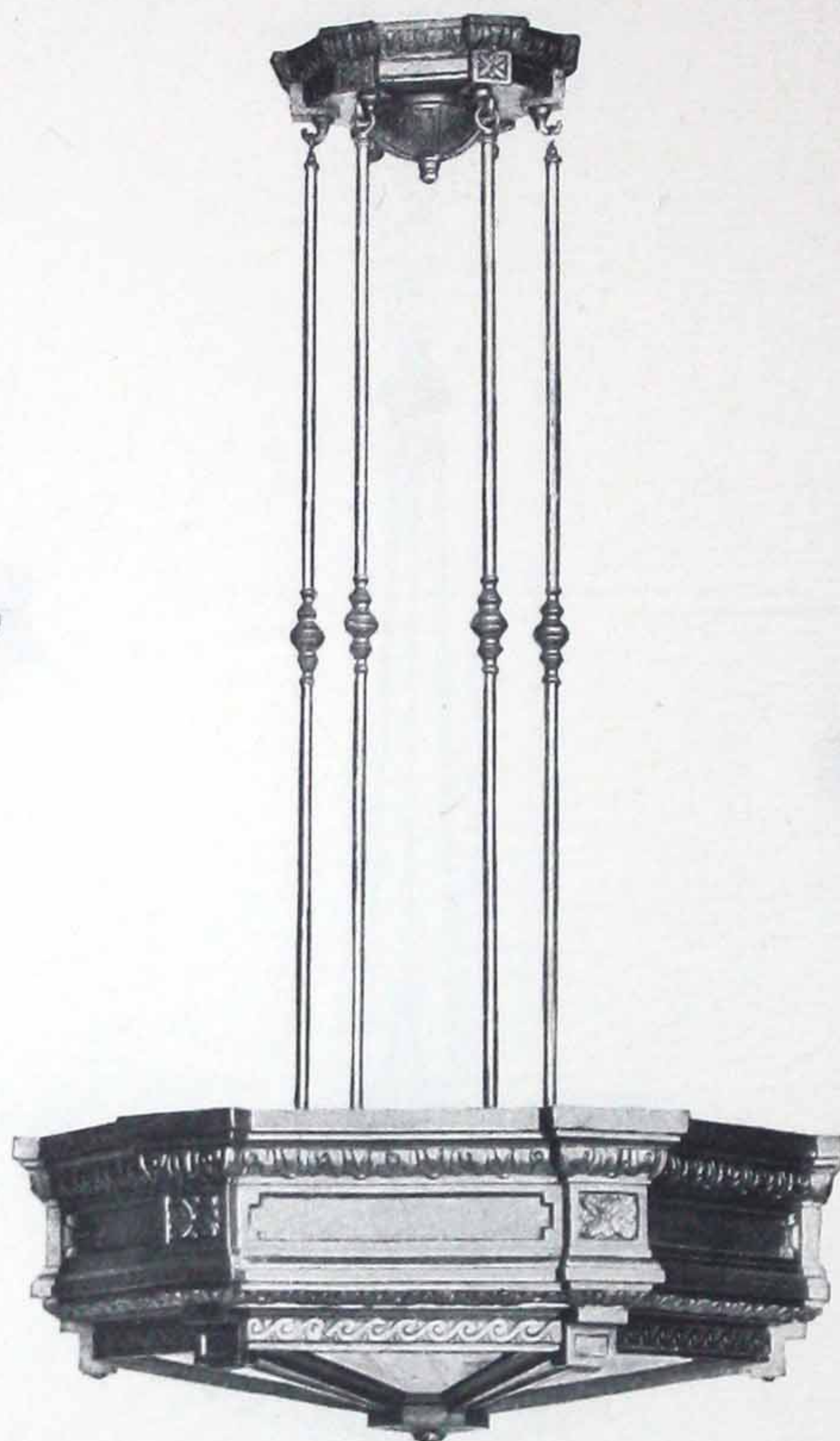
No. 2842 Design—Silk

Diameter 17 inches Depth 13 inches

Standard Finish: Gold Bronze Canopy and
Old Gold Silk Bowl, Stem and Tassel

| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
|-------------|-----------------------|---------------|------------|
| †2842A | 2 | 75 | \$101.00 |
| †2843A | 3 | 75 | 105.25 |
| 2842D | 2 | 100 or 150 | 102.00 |

Silk Bowl, Stem and Tassel can be furnished
to match Room Decorations.



No. 4262 Design—Compone

Diameter 22 inches Depth 14 inches
16-inch Ribbed Glass Bowl

| Catalog No. | No. of "C" Lamps | Type Size in Watts | Price Each |
|-------------|------------------|--------------------|------------|
| †4262A | 2 | 75 | \$78.00 |
| †4264A | 4 | 75 | 86.50 |
| 4262D | 2 | 100 or 150 | 79.00 |
| 4264D | 4 | 100 or 150 | 88.50 |

No. 2823 Design—Compone

Diameter 30 inches Depth 11 inches
Cathedral White Glass Panels

| Catalog No. | No. of "C" Lamps | Type Size in Watts | Price Each |
|-------------|------------------|--------------------|------------|
| 2823D | 3 | 100 or 150 | \$127.00 |
| 2826D | 6 | 100 or 150 | 141.25 |
| §2823F | 3 | 200 | 128.50 |

| Diameter | Depth | Type Size in Watts | Price Each |
|-----------|-----------|--------------------|------------|
| 42 inches | 18 inches | | |
| §4273F | 3 | 200 | 180.00 |
| §4276F | 6 | 200 | 195.75 |
| §4273L | 3 | 300, 400 or 500 | 212.25 |
| §4276L | 6 | 300, 400 or 500 | 246.75 |

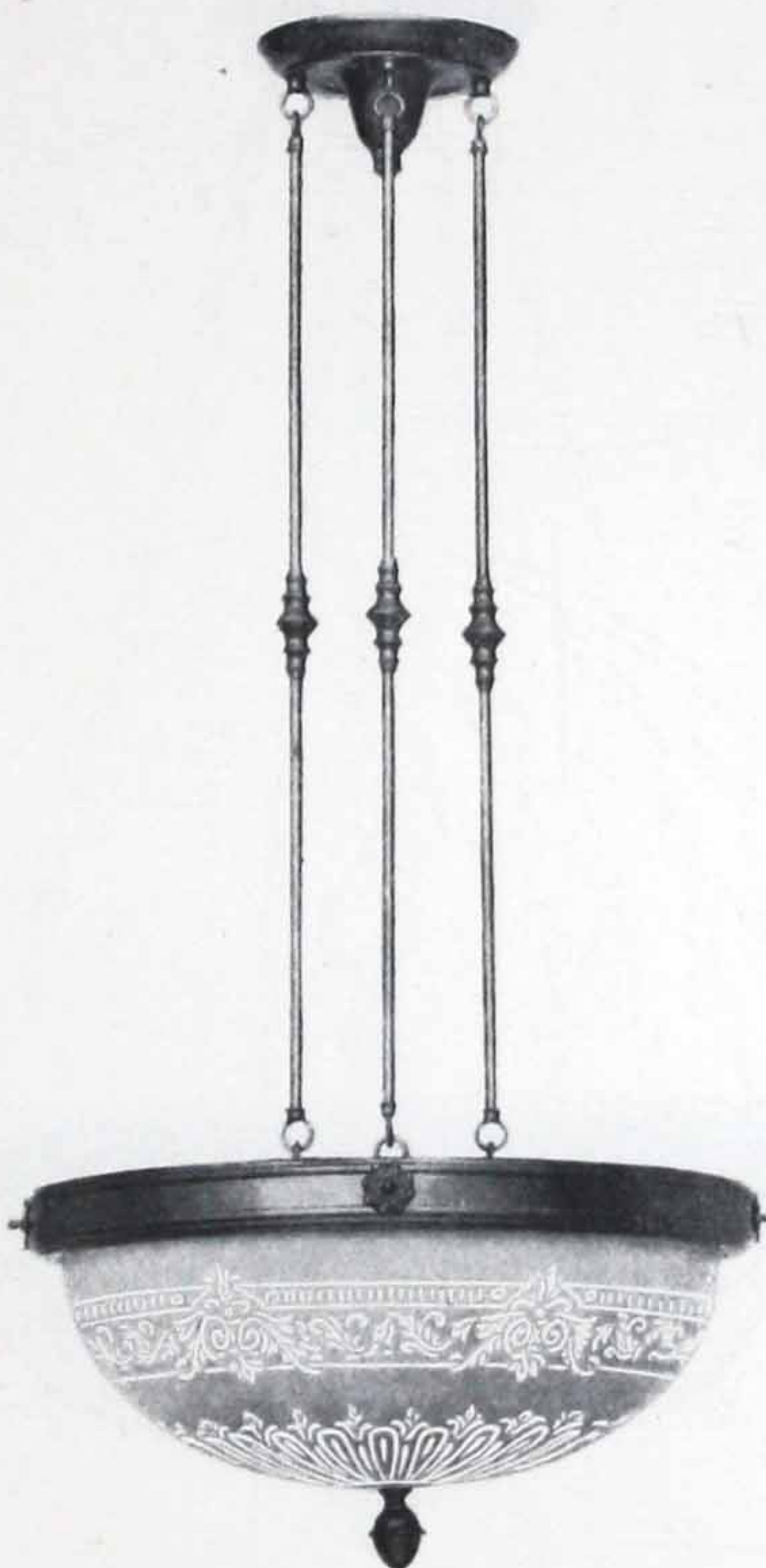
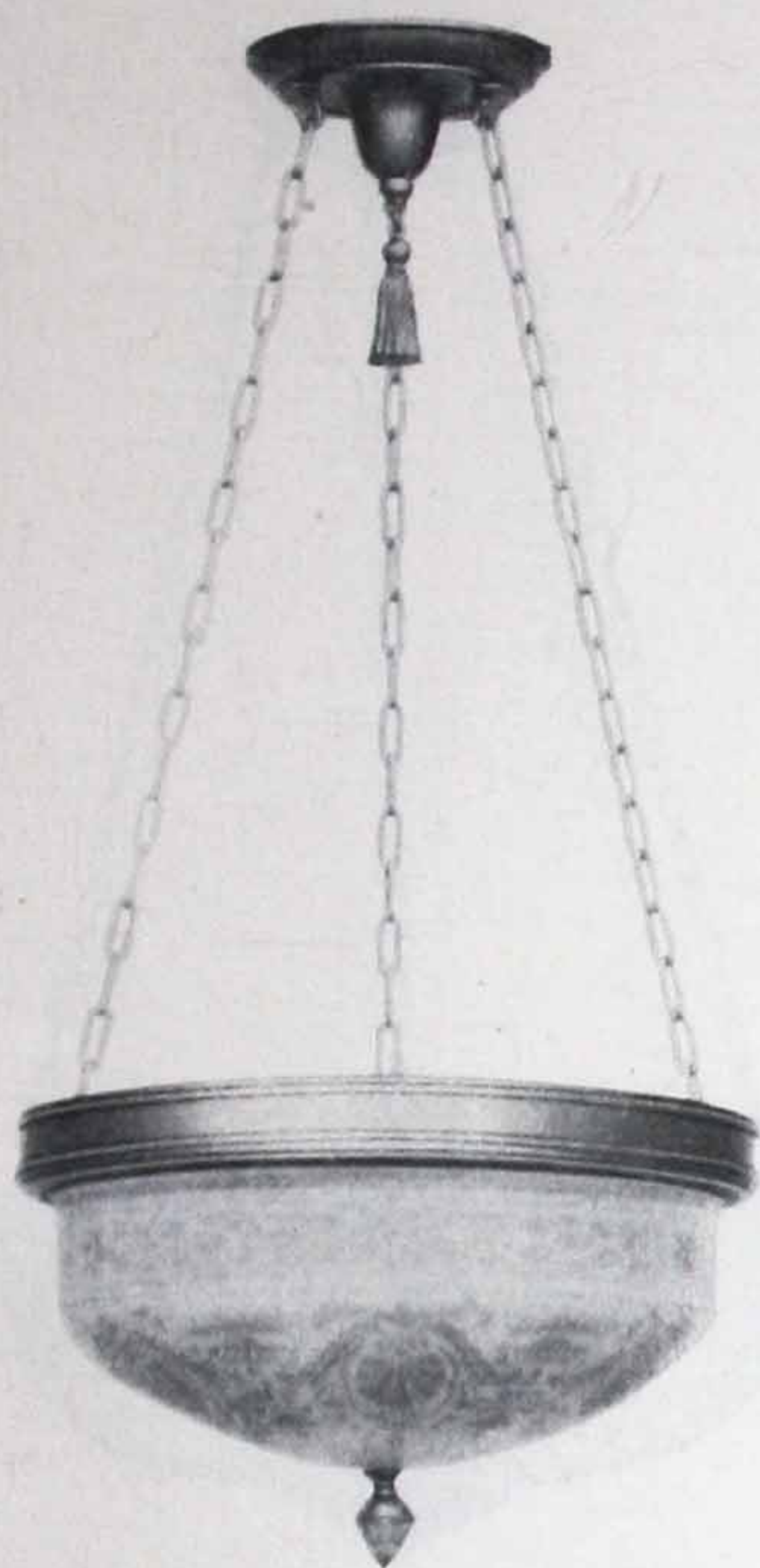
6-Rod Suspension

No. 3453 Design—Compone

Diameter 20 inches Depth 9 inches
Cathedral White Glass Panels

| Catalog No. | No. of "C" Lamps | Type Size in Watts | Price Each |
|-------------|------------------|--------------------|------------|
| †3453A | 3 | 75 | \$ 98.50 |
| 3453D | 3 | 100 or 150 | 100.00 |

3-Rod Suspension



No. 4282 Design—Brass

Diameter 16½ inches Depth 10 inches

Standard Finish: Brushed Brass

| Catalog No. | No. of Type | Size in | Price |
|-------------|-------------|------------|---------|
| No. | "C" Lamps | Watts | Each |
| †4282A | 2 | 75 | \$66.00 |
| †4283A | 3 | 75 | 70.25 |
| 4282D | 2 | 100 or 150 | 67.00 |

No. 3543 Design—Brass

Diameter 18½ inches Depth 10 inches
18-inch Etched Light Brown Finished Glass Bowl

Standard Finish: Natural Bronze

| Catalog No. | No. of Type | Size in | Price |
|------------------|-------------|------------|---------|
| No. | "C" Lamps | Watts | Each |
| †3543A | 3 | 75 | \$97.50 |
| 3543D | 3 | 100 or 150 | 99.00 |
| 3-Rod Suspension | | | |

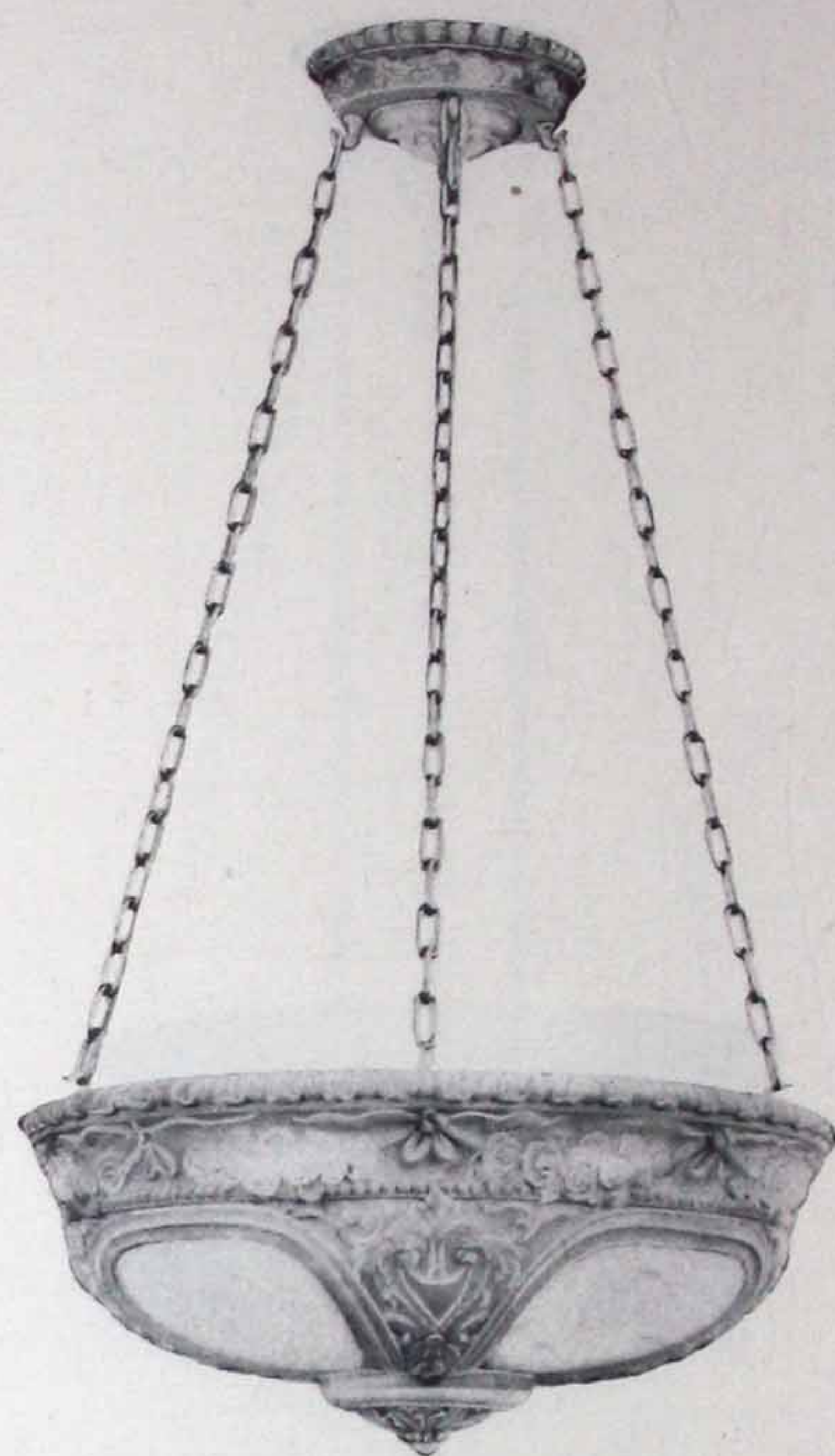
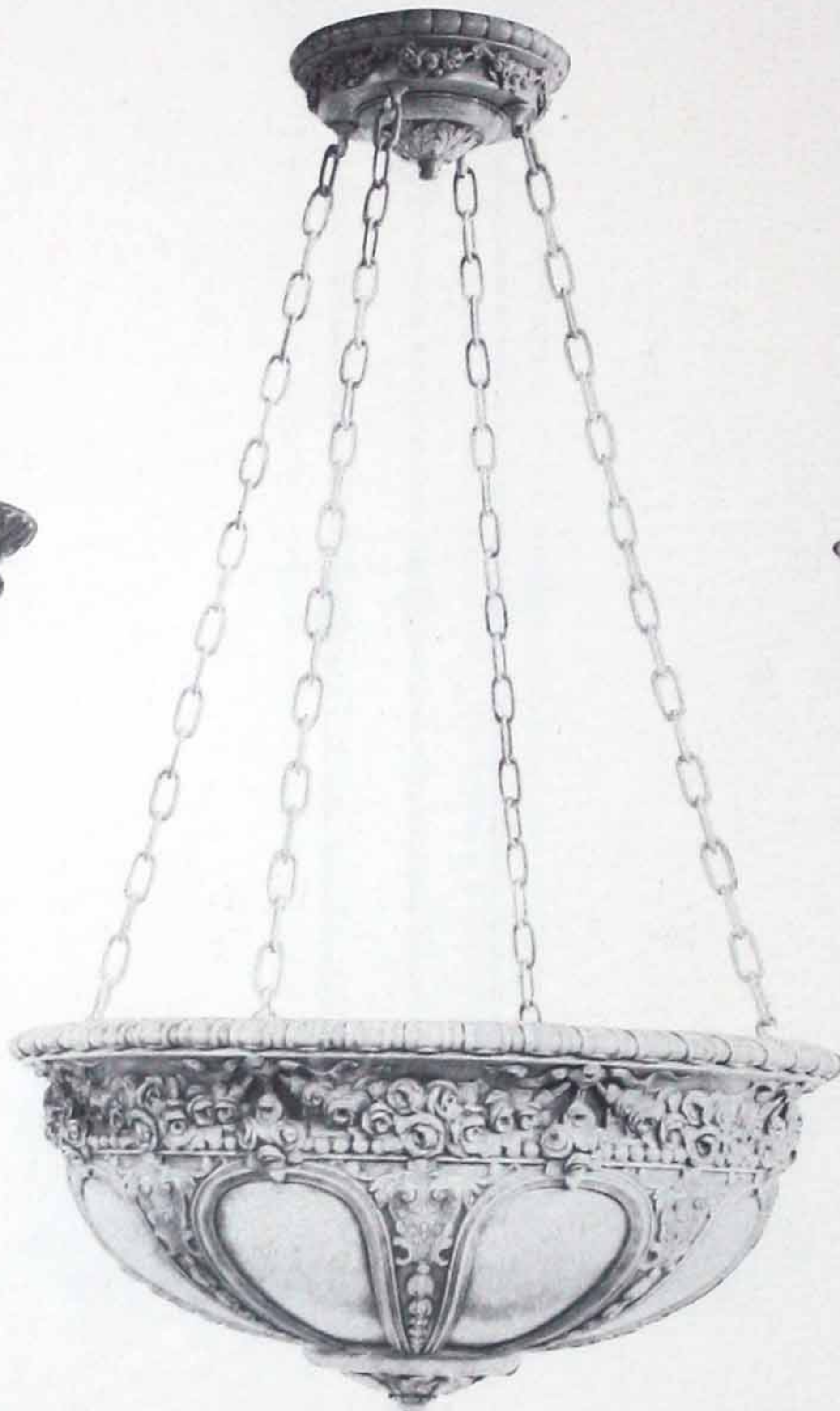
No. 2161 Design—Brass

Diameter 12 inches Depth 10 inches
10x12-inch Etched Florentine Finished Glass Bowl

Standard Finish: Gold Bronze with Old Gold Silk Stem and Tassel

| Catalog No. | No. of Type | Size in | Price |
|-------------|-------------|------------|---------|
| No. | "C" Lamps | Watts | Each |
| 2161V | 1 | 100 or 150 | \$66.00 |
| 2161W | 1 | 200 | 66.00 |

Silk covered Stem and Tassel can be furnished to match room decorations.



No. 2031 Design—Compone

Diameter 21 inches Depth 11 inches
16-inch Ribbed Glass Bowl

| Catalog No. | No. of "C" Lamps | Type Size in Watts | Price Each |
|-------------|------------------|--------------------|------------|
| 2031W | 1 | 200 | \$82.00 |
| 2031M | 1 | 300, 400 or 500 | 87.50 |
| 2031E | 1 | 750 or 1000 | 93.00 |

No. 1434 Design—Compone

Diameter 34 inches Depth 16 inches
Cathedral White Glass Panels

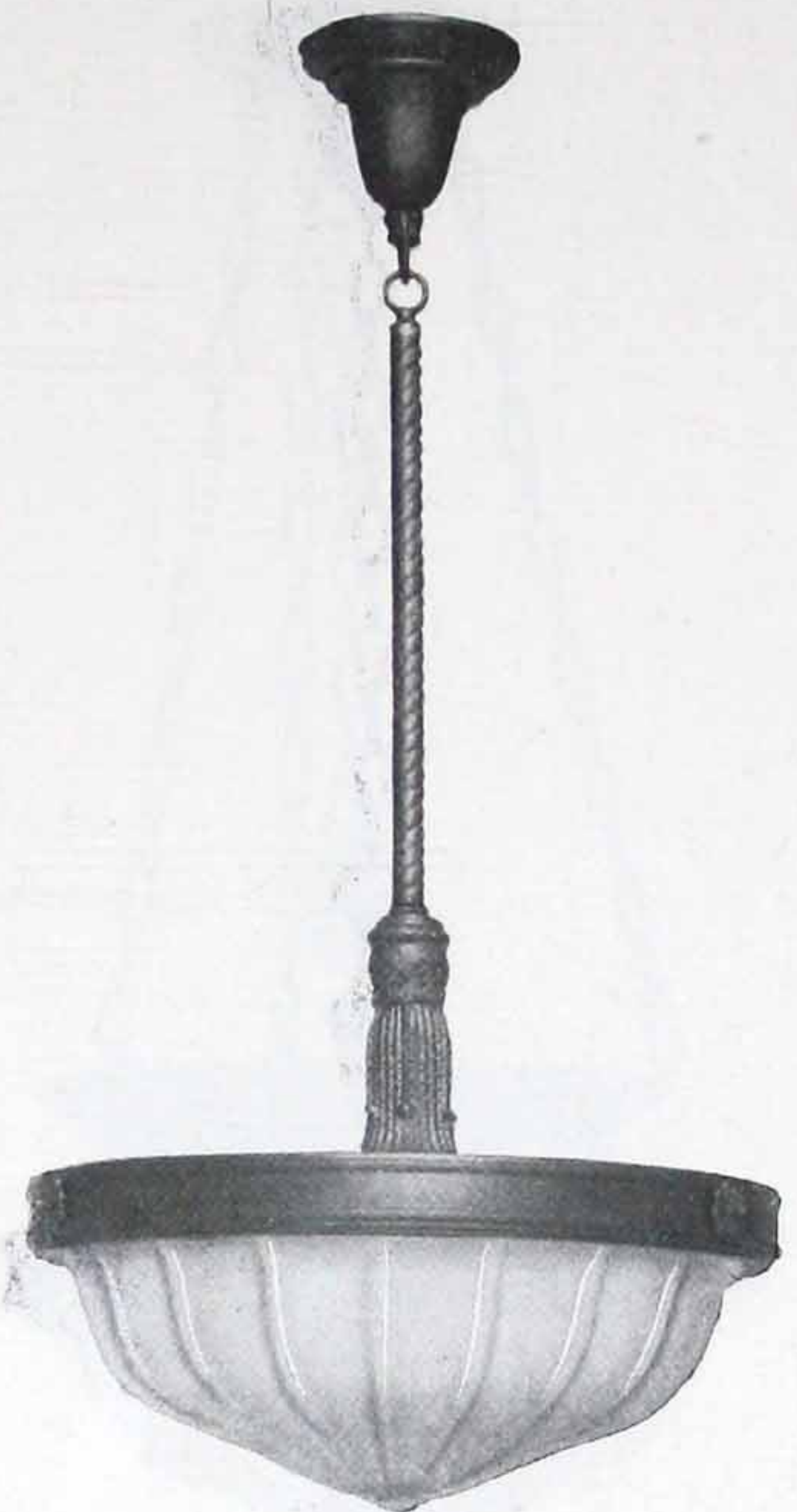
| Catalog No. | No. of "C" Lamps | Type Size in Watts | Price Each |
|-------------|------------------|--------------------|------------|
| 1434D | 4 | 100 or 150 | \$132.00 |
| 1435D | 5 | 100 or 150 | 136.75 |
| 1436D | 6 | 100 or 150 | 141.50 |
| \$1434F | 4 | 200 | 134.00 |
| \$1435F | 5 | 200 | 139.25 |
| \$1436F | 6 | 200 | 144.50 |
| *1431E | 1 | 750 or 1000 | 131.00 |

No. 1413 Design—Compone

Diameter 24 inches Depth 9½ inches
Cathedral White Glass Panels

| Catalog No. | No. of "C" Lamps | Type Size in Watts | Price Each |
|-------------|------------------|--------------------|------------|
| †1413A | 3 | 75 | \$92.00 |
| †1414A | 4 | 75 | 96.25 |
| †1415A | 5 | 75 | 100.50 |
| 1413D | 3 | 100 or 150 | 93.50 |
| 1414D | 4 | 100 or 150 | 98.25 |
| *1411M | 1 | 300, 400 or 500 | 92.25 |

4-Chain Suspension



No. 4292 Design—Brass

Diameter 15½ inches Depth 9 inches
14-inch Moulded White Glass Bowl
Standard Finish:

| Catalog No. | No. of "C" Lamps | Type Size in Watts | Price Each |
|-------------|------------------|--------------------|------------|
| †4292A | 2 | 75 | \$48.50 |
| 4292D | 2 | 100 or 150 | 52.75 |
| *4191W | 1 | 200 | 47.00 |
| *4191M | 1 | 300, 400 or 500 | 53.00 |

No. 3533 Design—Brass

Diameter 18½ inches Depth 10 inches
18-inch Etched Light Brown Finished Glass Bowl

Standard Finish: Natural Bronze

| Catalog No. | No. of "C" Lamps | Type Size in Watts | Price Each |
|-------------|------------------|--------------------|------------|
| †3533A | 3 | 75 | \$115.50 |
| 3533D | 3 | 100 or 150 | 117.00 |

No. 3262 Design—Brass

Diameter 16½ inches Depth 6½ inches
16-inch White Glass Bowl
Standard Finish: Brushed Brass

| Catalog No. | No. of "C" Lamps | Type Size in Watts | Price Each |
|-------------|------------------|--------------------|------------|
| †3262A | 2 | 75 | \$61.75 |
| †3263A | 3 | 75 | 66.00 |
| 3262D | 2 | 100 or 150 | 62.75 |



No. 3192 Design—Brass

Diameter 16½ inches Depth 6½ inches
16-inch White Glass Bowl
Standard Finish: Brushed Brass

| Catalog No. | No. "C" Lamps | Type Size in Watts | Price Each |
|-------------|---------------|--------------------|------------|
| †3192A | 2 | 75 | \$61.75 |
| †3193A | 3 | 75 | 66.00 |
| 3192D | 2 | 100 or 150 | 62.75 |

No. 4302 Design—Brass

Diameter 18 inches Depth 10 inches
16-inch Moulded White Glass Bowl
Standard Finish:

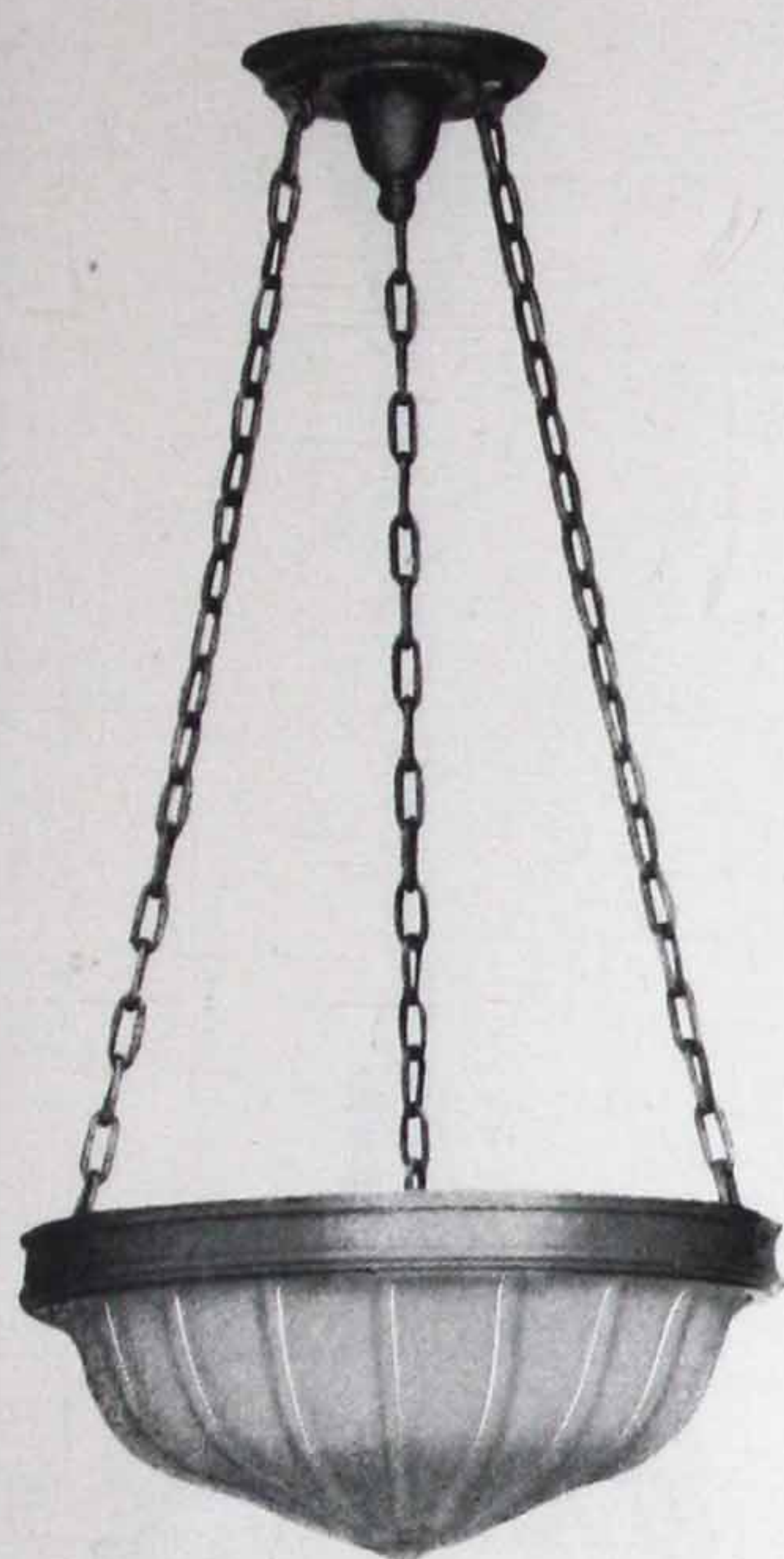
| Catalog No. | No. "C" Lamps | Type Size in Watts | Price Each |
|-------------|---------------|--------------------|------------|
| †4302A | 2 | 75 | \$78.00 |
| †4303A | 3 | 75 | 82.25 |
| 4302D | 2 | 100 or 150 | 79.00 |

4-Chain Suspension

No. 3553 Design—Brass

Diameter 18½ inches Depth 10 inches
18-inch White Glass Bowl
Standard Finish: Brushed Brass

| Catalog No. | No. "C" Lamps | Type Size in Watts | Price Each |
|-------------|---------------|--------------------|------------|
| †3553A | 3 | 75 | \$73.00 |
| 3553D | 3 | 100 or 150 | 74.50 |



No. 1752 Design—Brass

Diameter 16½ inches Depth 6½ inches
16-inch White Glass Bowl
Standard Finish: Brushed Brass

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|-------------------|-------|------------|
| †1752A | 2 | 75 | | \$52.00 |
| †1753A | 3 | 75 | | 56.25 |
| 1752D | 2 | 100 or 150 | | 53.00 |

Glass Bowl can be furnished with Ribs delicately colored on inside in blue or pink at an addition of \$2.00.

No. 3563 Design—Brass

Diameter 18½ inches Depth 10 inches
18-inch White Glass Bowl
Standard Finish: Brushed Brass

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|-------------------|-------|------------|
| †3563A | 3 | 75 | | \$73.00 |
| 3563D | 3 | 100 or 150 | | 74.50 |

No. 3631 Design—Brass

Diameter 14 inches Depth 7½ inches
10-inch Ribbed Glass Bowl
Standard Finish: Brushed Brass

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|-------------------|-------|------------|
| 3631V | 1 | 100 or 150 | | \$35.25 |
| 3631W | 1 | 200 | | 35.25 |



No. 2461 Design—Brass

Diameter 12 inches Depth 6½ inches
10x12-inch Hand Painted Glass Bowl
Standard Finish: Brushed Brass

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|----------------------|-------|---------------|
| 2461V | 1 | 100 or 150 | | \$30.75 |
| 2461W | 1 | 200 | | 30.75 |

No. 3611 Design—Brass

Diameter 12 inches Depth 10 inches
10x12-inch Etched Florentine Finished
Glass Bowl
Standard Finish: Brushed Brass

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|----------------------|-------|---------------|
| 3611V | 1 | 100 or 150 | | \$38.50 |
| 3611W | 1 | 200 | | 38.50 |

No. 4311 Design—Brass

Diameter 12 inches Depth 6½ inches
10x12-inch Moulded White Glass Bowl
Standard Finish: Brushed Brass

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|----------------------|-------|---------------|
| 4311V | 1 | 100 or 150 | | \$21.00 |
| 4311W | 1 | 200 | | 21.00 |

No. 4321 Design—Steel

Standard Finish: Dark Bronze

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|----------------------|-------|---------------|
| 4321V | 1 | 100 or 150 | | \$19.50 |
| 4321W | 1 | 200 | | 19.50 |



No. 3181 Design—Steel

Diameter 12 inches Depth 6½ inches
10x12-inch Opal Glass Bowl
Standard Finish: Dark Bronze

| Catalog No. | No. | Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-----|------|-------------------|-------|------------|
| 3181V | 1 | | 100 or 150 | | \$19.50 |
| 3181W | 1 | | 200 | | 19.50 |

Diameter 16 inches Depth 8 inches
12x16-inch Opal Glass Bowl

| | | | | | |
|-------|---|--|-----------------|--|---------|
| 3811M | 1 | | 300, 400 or 500 | | \$35.25 |
|-------|---|--|-----------------|--|---------|

No. 1851 Design—Steel

Diameter 16½ inches Depth 8 inches
12-inch Ribbed Glass Bowl
Standard Finish: Dark Gold Bronze

| Catalog No. | No. | Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-----|------|-------------------|-------|------------|
| 2311W | 1 | | 200 | | \$34.25 |
| 2311M | 1 | | 300, 400 or 500 | | 39.75 |

Diameter 18¾ inches Depth 9 inches
14-inch Ribbed Glass Bowl

| | | | | | |
|-------|---|--|-----------------|--|---------|
| 1851M | 1 | | 300, 400 or 500 | | \$43.75 |
| 1851W | 1 | | 200 | | 38.25 |

Diameter 20 inches Depth 10 inches
16-inch Ribbed Glass Bowl

| | | | | | |
|-------|---|--|-----------------|--|---------|
| 1891M | 1 | | 300, 400 or 500 | | \$53.00 |
| 1891E | 1 | | 750 or 1000 | | 58.50 |

No. 2191 Design—Steel

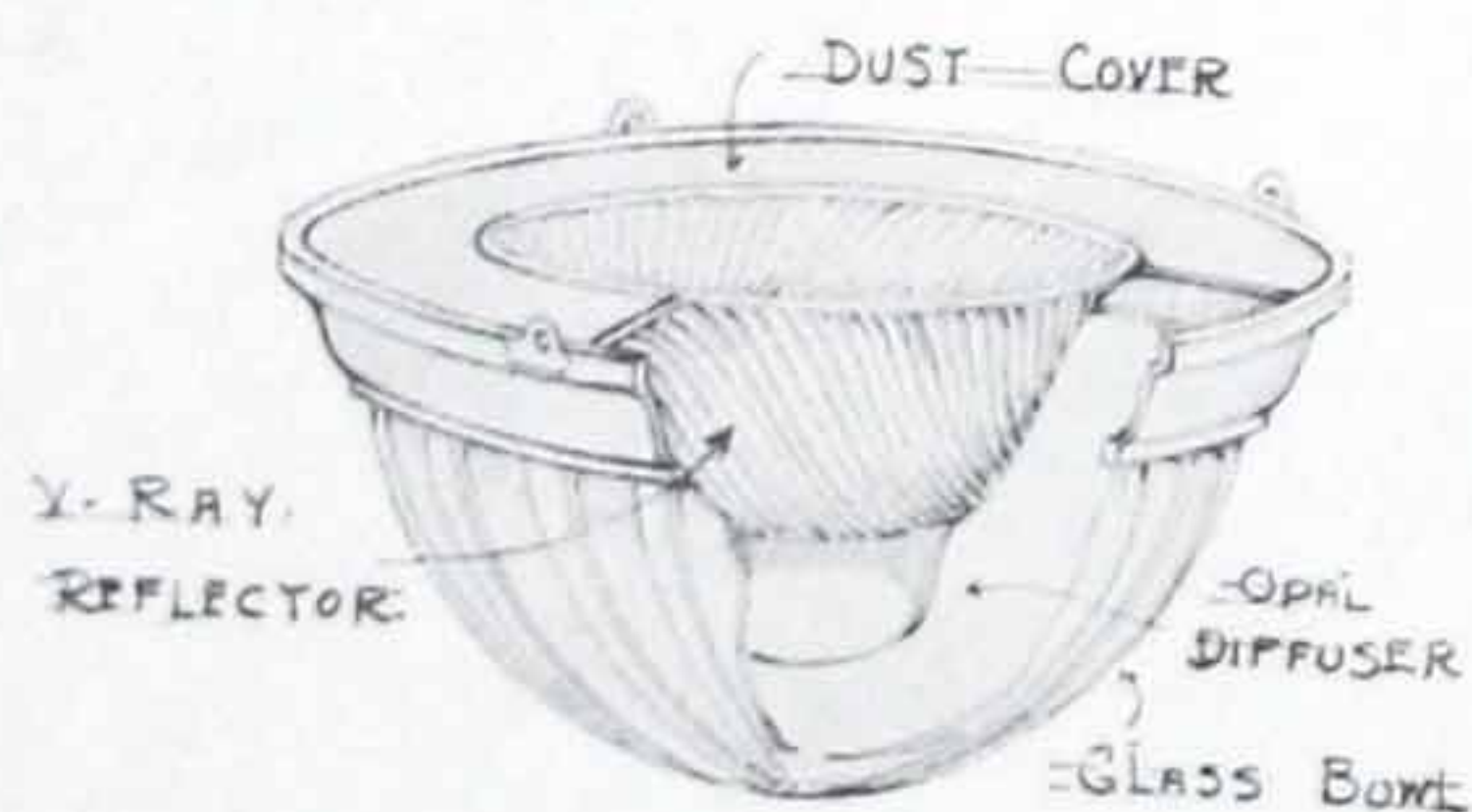
Diameter 14 inches Depth 7½ inches
10-inch Ribbed Glass Bowl
Standard Finish: Dark Gold Bronze

| Catalog No. | No. | Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-----|------|-------------------|-------|------------|
| 2191V | 1 | | 100 or 150 | | \$23.00 |
| 2191W | 1 | | 200 | | 23.00 |

No. 2811 Design—Brass

Standard Finish: Brushed Brass

| | | | | | |
|-------|---|--|------------|--|---------|
| 2811V | 1 | | 100 or 150 | | \$25.00 |
| 2811W | 1 | | 200 | | 25.00 |



No. 3121 Design—Steel

Diameter 14 $\frac{1}{4}$ inches Depth 7 inches
12-inch Ribbed Glass Bowl
Standard Finish: Dark Bronze

| Catalog No. | Type | Size in No. "C" Lamps | Watts | Price Each |
|-------------|------|--------------------------|-------|---------------|
| 3121V | 1 | 100 or 150 | | \$26.50 |
| 3121W | 1 | 200 | | 26.50 |

Diameter 16 inches Depth 9 inches
14-inch Ribbed Glass Bowl

| | | | | |
|-------|---|-----------------|--|---------|
| 3701M | 1 | 300, 400 or 500 | | \$35.25 |
|-------|---|-----------------|--|---------|

The X-Ray reflector is held in position by a spun steel disc instead of the regular reflector holder. The Steel Disc keeps all dust and dirt from settling on the inside of the glass bowl.

No. 3571 Design—Steel

Diameter 16 $\frac{1}{2}$ inches Depth 8 inches
12-inch Ribbed Glass Bowl
Standard Finish: Dark Bronze

| Catalog No. | Type | Size in No. "C" Lamps | Watts | Price Each |
|-------------|------|--------------------------|-------|---------------|
| 3571W | 1 | 200 | | \$36.75 |
| 3571M | 1 | 300, 400 or 500 | | 42.25 |

Diameter 18 $\frac{3}{4}$ inches Depth 9 inches
14-inch Ribbed Glass Bowl

| | | | | |
|-------|---|-----------------|--|---------|
| 3581W | 1 | 200 | | \$40.75 |
| 3581M | 1 | 300, 400 or 500 | | 46.25 |

Diameter 20 inches Depth 10 inches
16-inch Ribbed Glass Bowl

| | | | | |
|-------|---|-----------------|--|---------|
| 3591M | 1 | 300, 400 or 500 | | \$55.50 |
| 3591E | 1 | 750 or 1000 | | 61.00 |

No. 4331 Design—Steel

Diameter 16 inches Depth 9 inches
14-inch Moulded White Glass Bowl
Standard Finish: Dark Bronze

| Catalog No. | Type | Size in No. "C" Lamps | Watts | Price Each |
|-------------|------|--------------------------|-------|---------------|
| 4331M | 1 | 300, 400 or 500 | | \$36.25 |

The X-Ray reflector is held in position by a spun steel disc instead of the regular reflector holder. The Steel Disc keeps all dust and dirt from settling on the inside of the glass bowl.

[illegible]

| No. 1225 (Bridge)—Steel | | |
|-------------------------------------|------------------|--------------------|
| Dimension in inches | Weight in pounds | |
| General Steel Deck Steel Deck | | |
| Standard Steel Deck Deck Steel Deck | | |
| Quantity | No. of Pairs | Price |
| No. | Size | Weight |
| 1225 W | 1 | 1000 |
| 1225 W | 1 | 1000, 1000 to 1200 |
| 1225 W | 1 | 1200 to 1500 |

| Nov. 1985 (Designs - "Wichard") | | | |
|--|---------------|----------------------------|---------------|
| Measure: 10 inches | | Depth: 4 inches | |
| Inscribed: French, German, Hungarian in the Group | | | |
| Country | No. of No. | Page Size in "C" Layout | Price Each |
| 1985/1 | 1 | 105 x 135 | \$25.00 |
| Measure: 10 inches | | Depth: 4 inches | |
| 1985/2 | 1 | 105 x 135 | \$25.00 |
| 1985/3 | 1 | 105 | \$5.00 |

This group is suggested by the 1985 contract and these designs.

Design: German, Depth: 4 inches, Measure: 10 inches, No. of Pages: 1, Price: \$25.00



No. 2442 Design—Wicker

Diameter 16 inches Depth 7 inches
Standard Finish: Green, Mahogany or Old Ivory

| Catalog No. | No. | Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-----|------|----------------------|-------|---------------|
| †2442A | 2 | | 75 | | \$48.00 |
| †2443A | 3 | | 75 | | 52.25 |
| 2442D | 2 | | 100 or 150 | | 49.00 |

Above fixture lined with Cretonne. If wanted lined with silk, add \$2.50.

No. 3802 Design—Wicker

Diameter 18 inches Depth 12 inches
Standard Finish: Green, Mahogany or Old Ivory

| Catalog No. | No. | Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-----|------|----------------------|-------|---------------|
| †3802A | 2 | | 75 | | \$48.75 |
| †3803A | 3 | | 75 | | 53.00 |
| 3802D | 1 | | 100 or 150 | | 49.75 |
| 3803D | 3 | | 100 or 150 | | 54.50 |

Above fixture lined with Cretonne. If wanted lined with silk, add \$2.50.

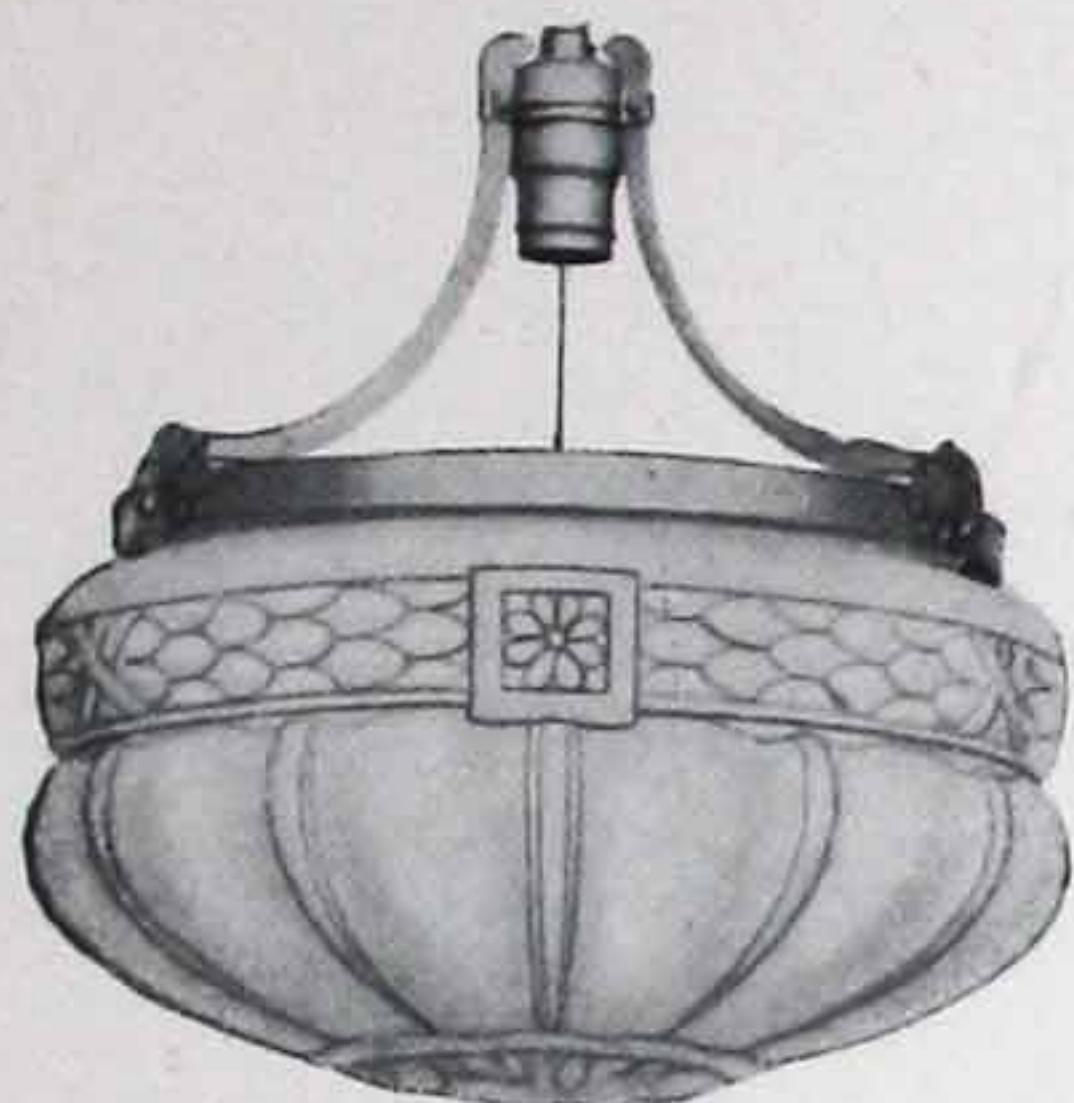
No. 862 Design—Wicker

Diameter 16 inches Depth 6 inches
Standard Finish: Green, Mahogany or Old Ivory

| Catalog No. | No. | Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-----|------|----------------------|-------|---------------|
| †2052A | 2 | | 75 | | \$35.75 |
| †862A | 2 | | 75 | | \$38.50 |
| †863A | 3 | | 75 | | 42.75 |
| 862D | 2 | | 100 or 150 | | 39.50 |
| 863D | 3 | | 100 or 150 | | 44.25 |

| Diameter 18½ inches | Depth 7 inches |
|---------------------|----------------|
| †873D | 3 |
| 874D | 4 |
| 875D | 5 |

Above fixtures lined with Cretonne. If wanted lined with silk, add \$2.00.



No. 4341 Design—Brass

Diameter 12 inches Depth 6½ inches
10x12-inch Moulded White Glass Bowl
Standard Finish: Brushed Brass

| Catalog No. | No. | Type | Size in | Price |
|-------------|-----|------------|---------|---------|
| | | "C" Lamps | Watts | Each |
| 4341V | 1 | 100 or 150 | | \$16.00 |
| 4341W | 1 | 200 | | 16.00 |

No. 4351 Design—Steel

Standard Finish: Dark Bronze

| | | | |
|-------|---|------------|---------|
| 4351V | 1 | 100 or 150 | \$14.50 |
| 4351W | 1 | 200 | 14.00 |

No. 3621 Design—Steel

Glass Bowl, Reflector, Rim and Supporting Arms only

Diameter 12 inches Depth 6½ inches
10x12-inch Opal Glass Bowl
Standard Finish: Dark Bronze

| Catalog No. | No. of "C" Lamps | Type Size in Watts | Price Each |
|-------------|------------------|--------------------|------------|
| 3621V | 1 | 100 or 150 | \$14.50 |
| 3621W | 1 | 200 | 14.50 |

No. 4361 Design—Brass

Standard Finish: Brushed Brass

| | | | |
|-------|---|------------|---------|
| 4361V | 1 | 100 or 150 | \$15.50 |
| 4361W | 1 | 200 | 15.50 |

No. 2681 Design—Steel

Glass Bowl, Reflector, Rim and Supporting Arms only

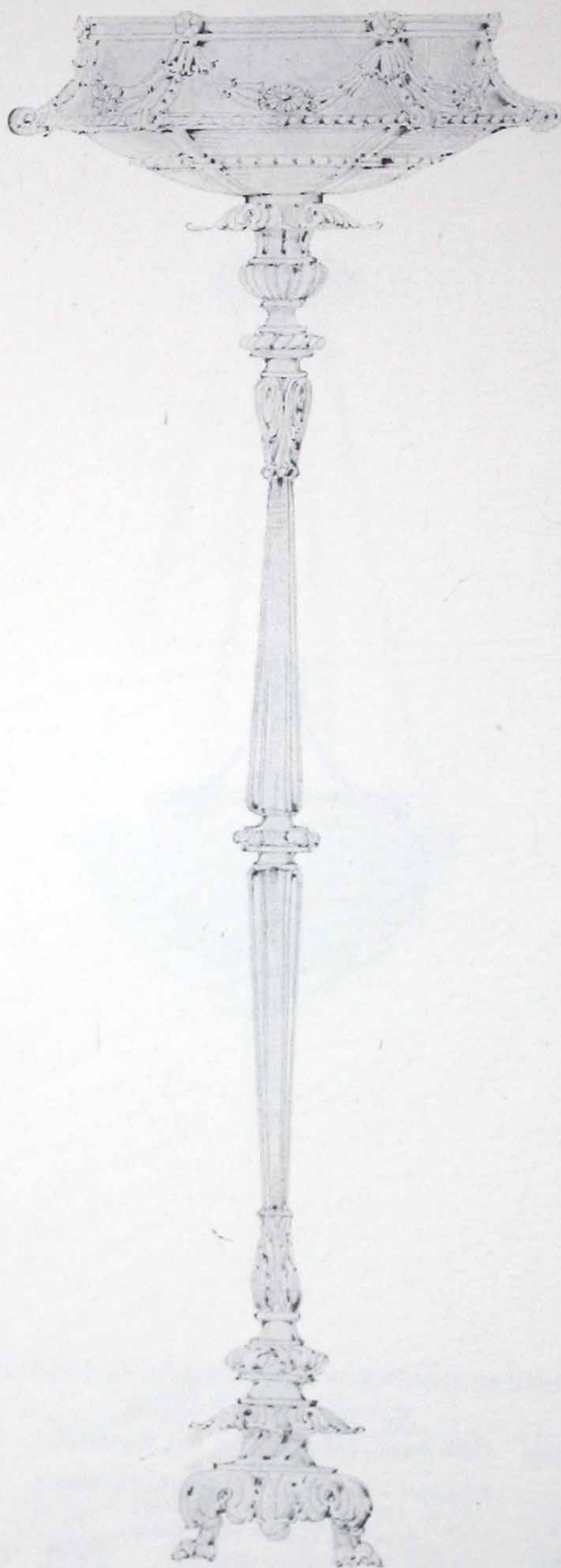
Diameter 14 inches Depth 7 inches
10-inch Ribbed Glass Bowl
Standard Finish: Dark Gold Bronze

| Catalog No. | No. of "C" Lamps | Type Size in Watts | Price Each |
|-------------|------------------|--------------------|------------|
| 2681V | 1 | 100 or 150 | \$17.25 |
| 2681W | 1 | 200 | 17.25 |

No. 2691 Design—Brass

Standard Finish: Brushed Brass

| | | | |
|-------|---|------------|---------|
| 2691V | 1 | 100 or 150 | \$19.25 |
| 2691W | 1 | 200 | 19.25 |



This beautiful hand chased bronze indirect portable is only one of the many pieces designed and built by our company. The pedestal has a metal open work bowl, backed with opal glass panels.

Our designing department is especially equipped to create originally designed lighting fixtures to meet any architectural demand.

METAL FIXTURES

SECTION TWO



Let the lighting fixtures be of a design and finish to harmonize with the architecture and decorations of the building.

Metal Finishes

Finishes That May Be Applied On Any Brass Fixture

| Finish No. | Description |
|------------|----------------|
| 2 | Brushed Brass. |

The standard finish for brass fixtures listed in our catalog is brushed brass unless otherwise specified.

Add 10% over brushed brass price for any of the following finishes:

| | |
|----|--------------------------|
| 4 | Antique Brass. |
| 13 | Dark Monumental Bronze. |
| 17 | Polished Nickel. |
| 18 | Satin Nickel. |
| 19 | Oxidized Nickel. |
| 20 | Bauer Barff. |
| 21 | Light Monumental Bronze. |
| 22 | Brushed Copper. |
| 26 | Verde Antique. |
| 27 | Black Nickel. |
| 32 | Brushed Nickel. |
| 39 | Natural Bronze. |

Add 20% over brushed brass price for any of the following finishes:

| | |
|----|------------------|
| 29 | Oxidized Silver. |
| 35 | Butlers Silver. |
| 38 | Antique Gold. |

Special finished can be produced to harmonize with individual color schemes. Price upon application.

Standard Finishes (One-tone) Washable, That May Be Applied On Any Steel Fixture

| Finish No. | Description |
|------------|-----------------------|
| 28 | Flat White. |
| 33 | Cream. |
| 37 | Light Cream. |
| 41 | Battleship Gray. |
| A | Dark Gold Bronze. |
| H | Silver Bronze. |
| M | Brushed Brass Bronze. |
| T | Dark Bronze. |

Add 10% over standard finish price for any of the following (two-tone) finishes:

| | |
|-------|------------------------|
| 27-15 | Medium Old Ivory. |
| 27-32 | Dark Old Ivory. |
| A15 | Medium Gold Bronze. |
| A22 | Antique Gold Bronze. |
| H22 | Antique Silver Bronze. |
| P15 | Roman Gold Bronze. |
| T42 | Statuary Bronze. |

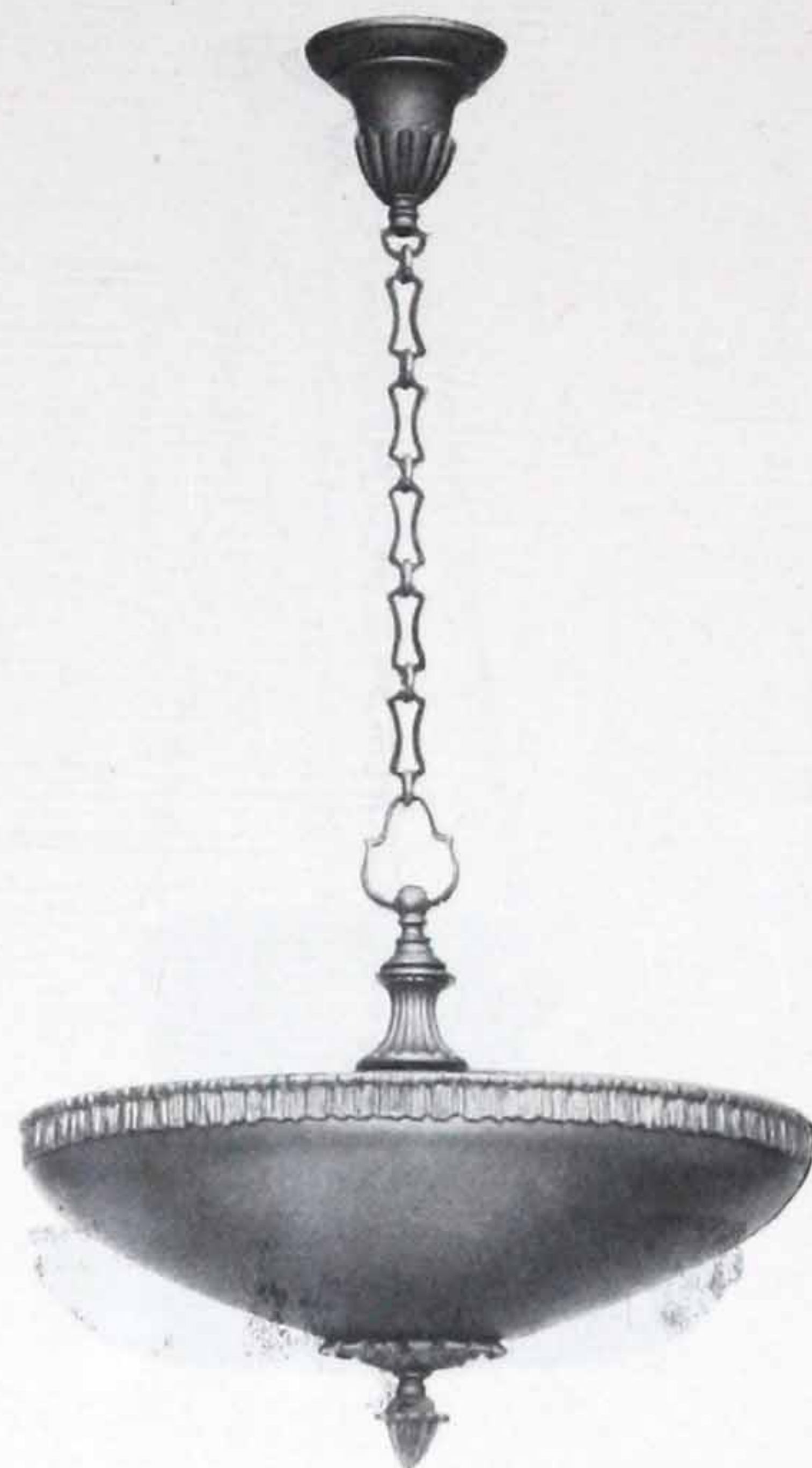
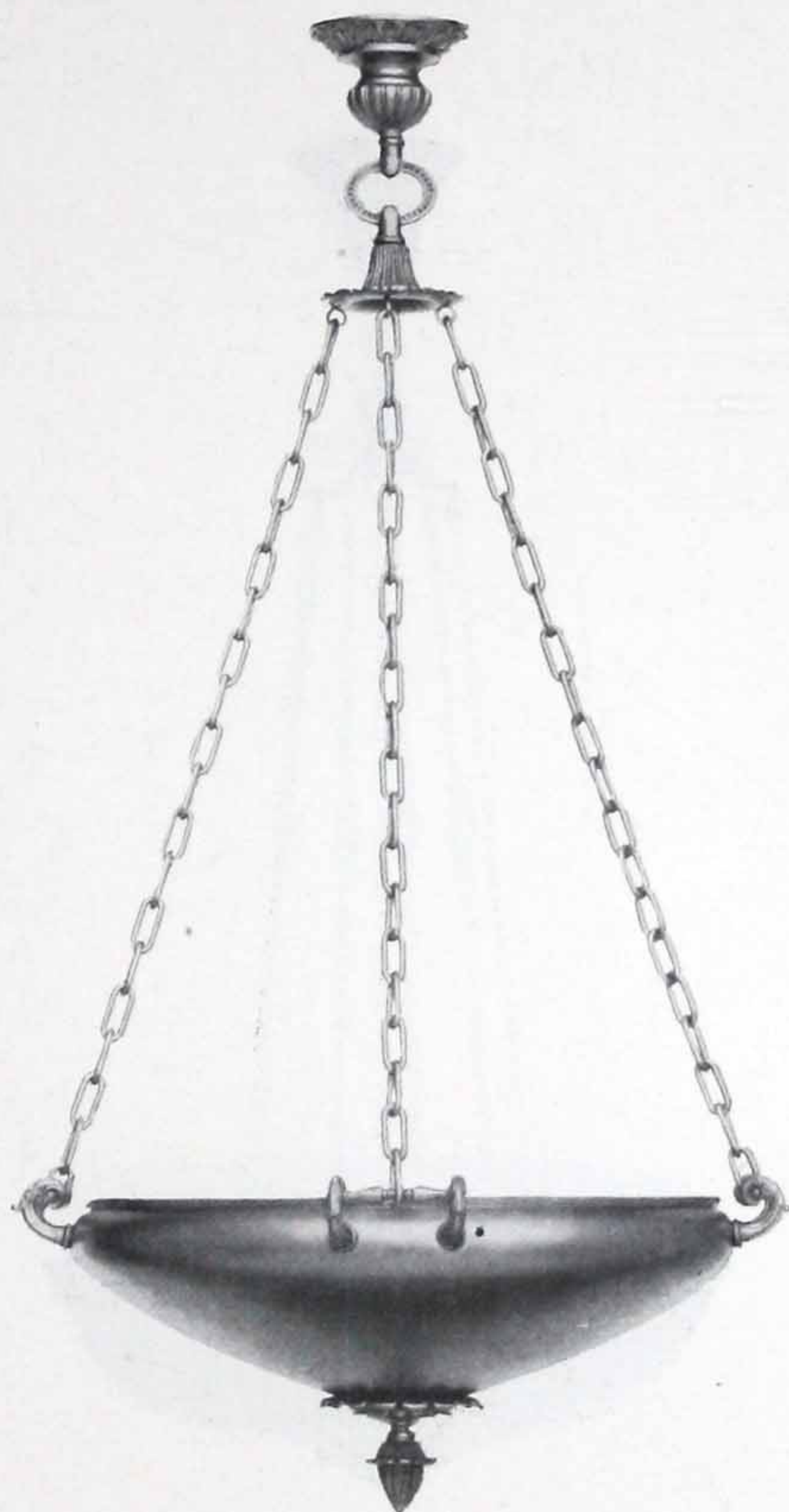
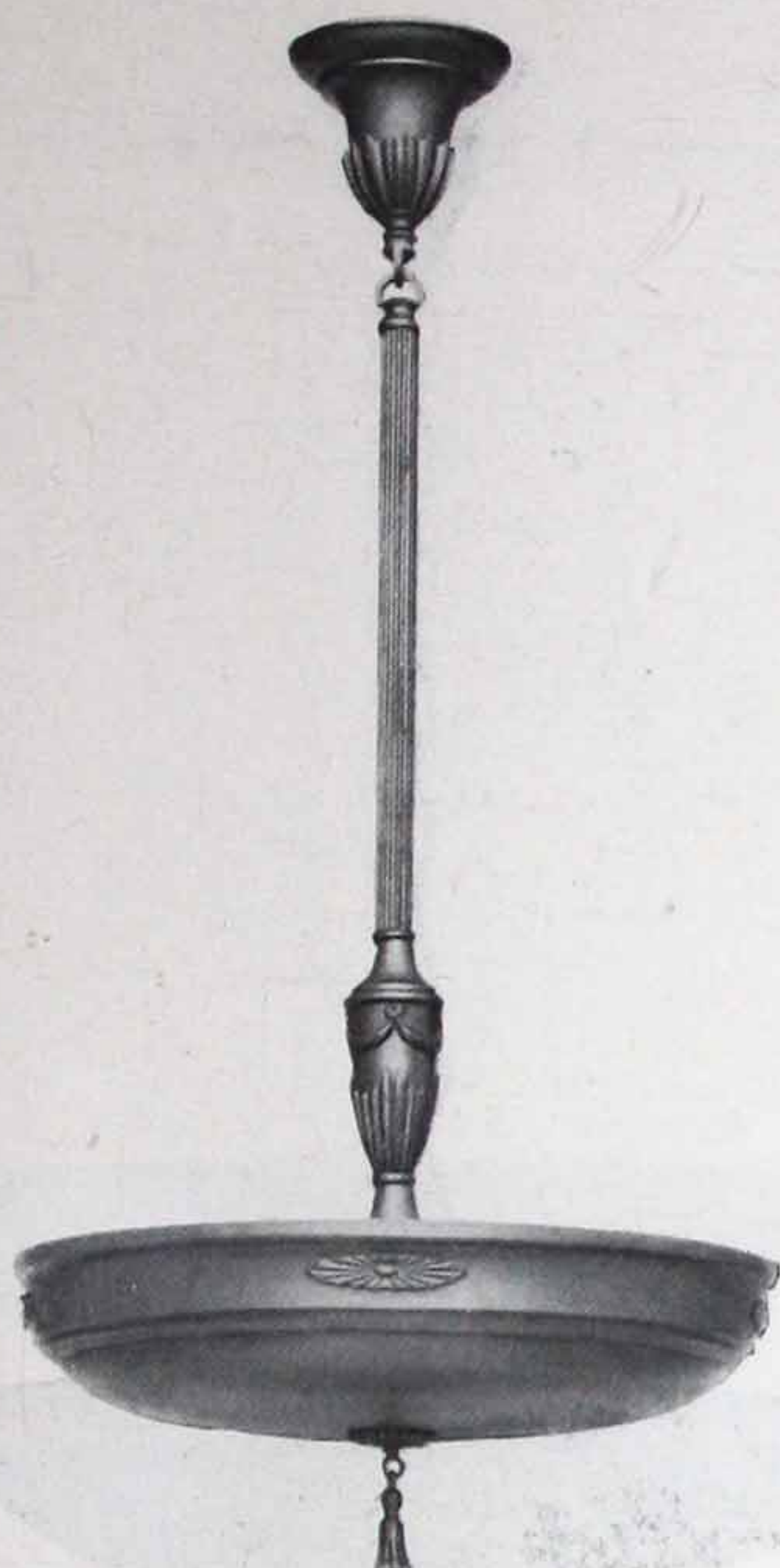
Any standard finish for steel fixtures may be applied to brass fixtures at an addition of 5% to brushed brass price.

Explanation of Special Marks on Catalog Pages

†Specify on order if 40, 50 or 60 watt type "B" lamps are to be used in fixtures listed for 75 Watt Type "C" Lamps, as special reflector holders are required.

*Lamps hang tip down, suspended on an additional chain from Canopy. Not shown in illustration.

§Lamps must be ordered "Special" for tip up Burning.



No. 4052 Design—Brass

Diameter 17 inches Depth 8 inches
Standard Finish: Antique Gold

| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
|-------------|-----------------------|---------------|------------|
| †4052A | 2 | 75 | \$83.00 |
| †4053A | 3 | 75 | 87.25 |
| †4054A | 4 | 75 | 91.50 |
| 4052D | 2 | 100 or 150 | 84.00 |
| 4053D | 3 | 100 or 150 | 88.75 |

No. 3723 Design—Brass

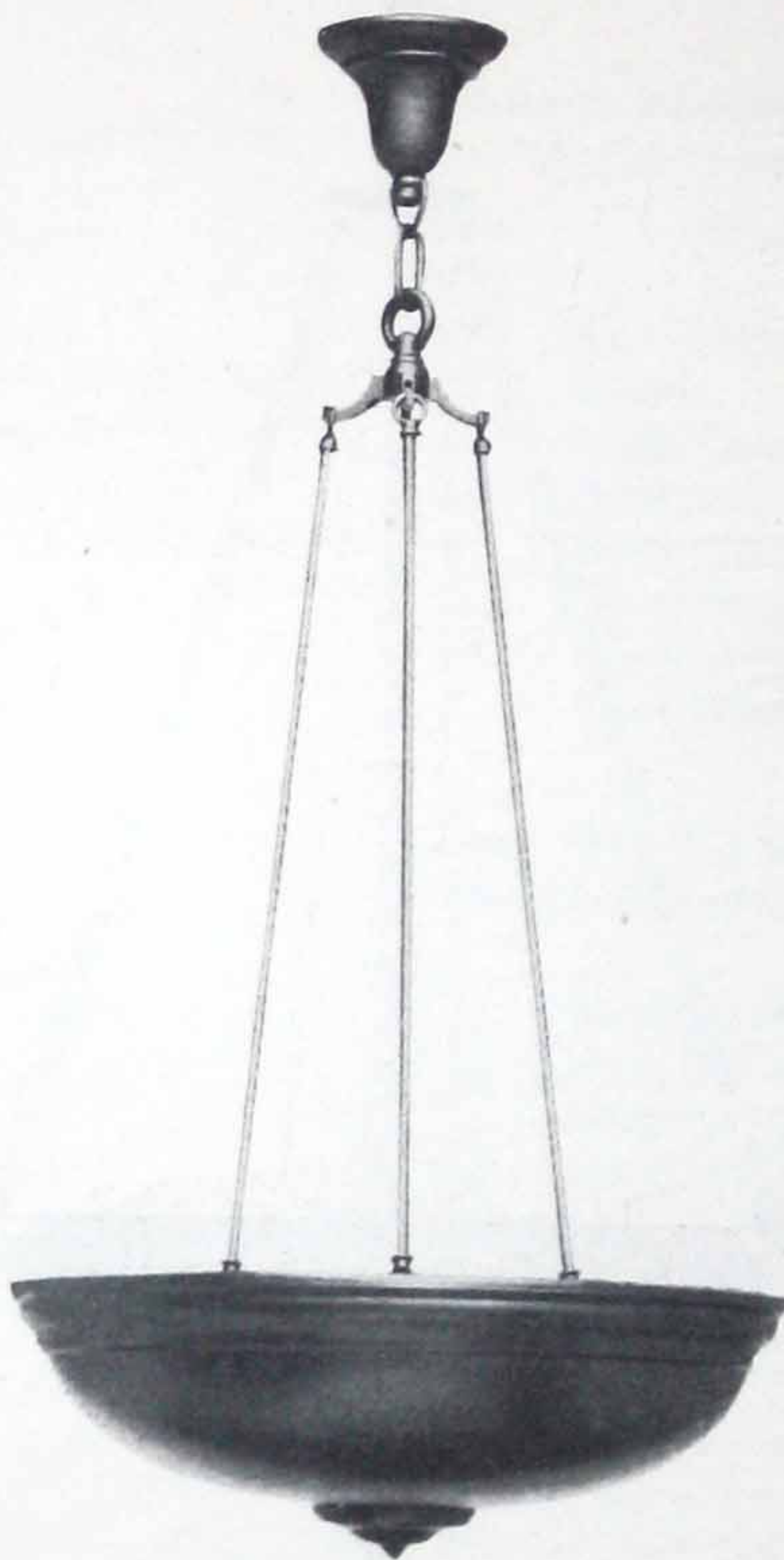
Diameter 21 inches Depth 8 ½ inches
Standard Finish: Natural Bronze with Shaded Castings

| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
|-------------|-----------------------|---------------|------------|
| †3723A | 3 | 75 | \$123.00 |
| †3724A | 4 | 75 | 127.25 |
| 3723D | 3 | 100 or 150 | 124.50 |
| 3724D | 4 | 100 or 150 | 129.25 |

No. 2753 Design—Brass

Diameter 20 inches Depth 9 inches
Standard Finish: Antique Nickel

| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
|-------------|-----------------------|---------------|------------|
| †2753A | 3 | 75 | \$118.25 |
| †2754A | 4 | 75 | 122.50 |
| 2753D | 3 | 100 or 150 | 119.75 |
| 2754D | 4 | 100 or 150 | 124.50 |



No. 2782 Design—Brass

Diameter 17 inches Depth 5 inches
Standard Finish: Brushed Nickel

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|-------------------|-------|------------|
| †2782A | 2 | 75 | | \$85.50 |
| †2783A | 3 | 75 | | 89.75 |
| †2784A | 4 | 75 | | 94.00 |
| 2782D | 2 | 100 or 150 | | 86.50 |
| 2783D | 3 | 100 or 150 | | 91.25 |

No. 3693 Design—Steel

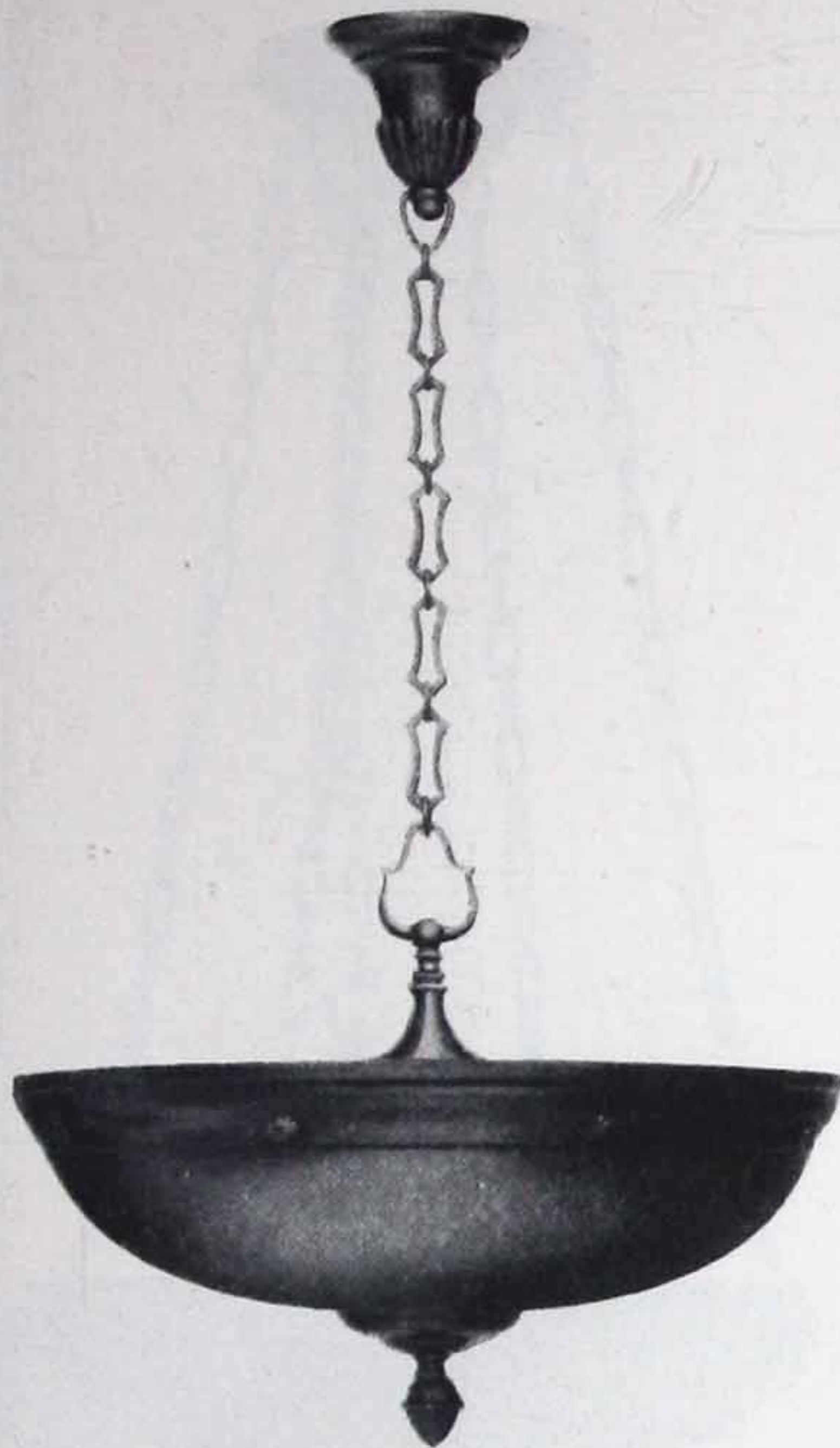
Diameter 20 inches Depth 6½ inches
Standard Finish: Dark Bronze

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|-------------------|-------|------------|
| †3693A | 3 | 75 | | \$50.00 |
| †3694A | 4 | 75 | | 54.25 |
| 3693D | 3 | 100 or 150 | | 51.50 |
| 3694D | 4 | 100 or 150 | | 56.25 |

No. 3313 Design—Brass

Diameter 18½ inches Depth 6 inches
Standard Finish: Antique Brass

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|-------------------|-------|------------|
| †3313A | 3 | 75 | | \$73.00 |
| †3314A | 4 | 75 | | 77.25 |
| 3313D | 3 | 100 or 150 | | 74.50 |
| 3314D | 4 | 100 or 150 | | 79.25 |



No. 4083 Design—Brass

Diameter 20 inches Depth 8 inches
Standard Finish: Light Monumental Bronze

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|----------------------|-------|---------------|
| †4083A | 3 | 75 | | \$58.50 |
| †4084A | 4 | 75 | | 62.75 |
| 4083D | 3 | 100 or 150 | | 60.00 |
| 4084D | 4 | 100 or 150 | | 64.75 |

No. 3353 Design—Brass

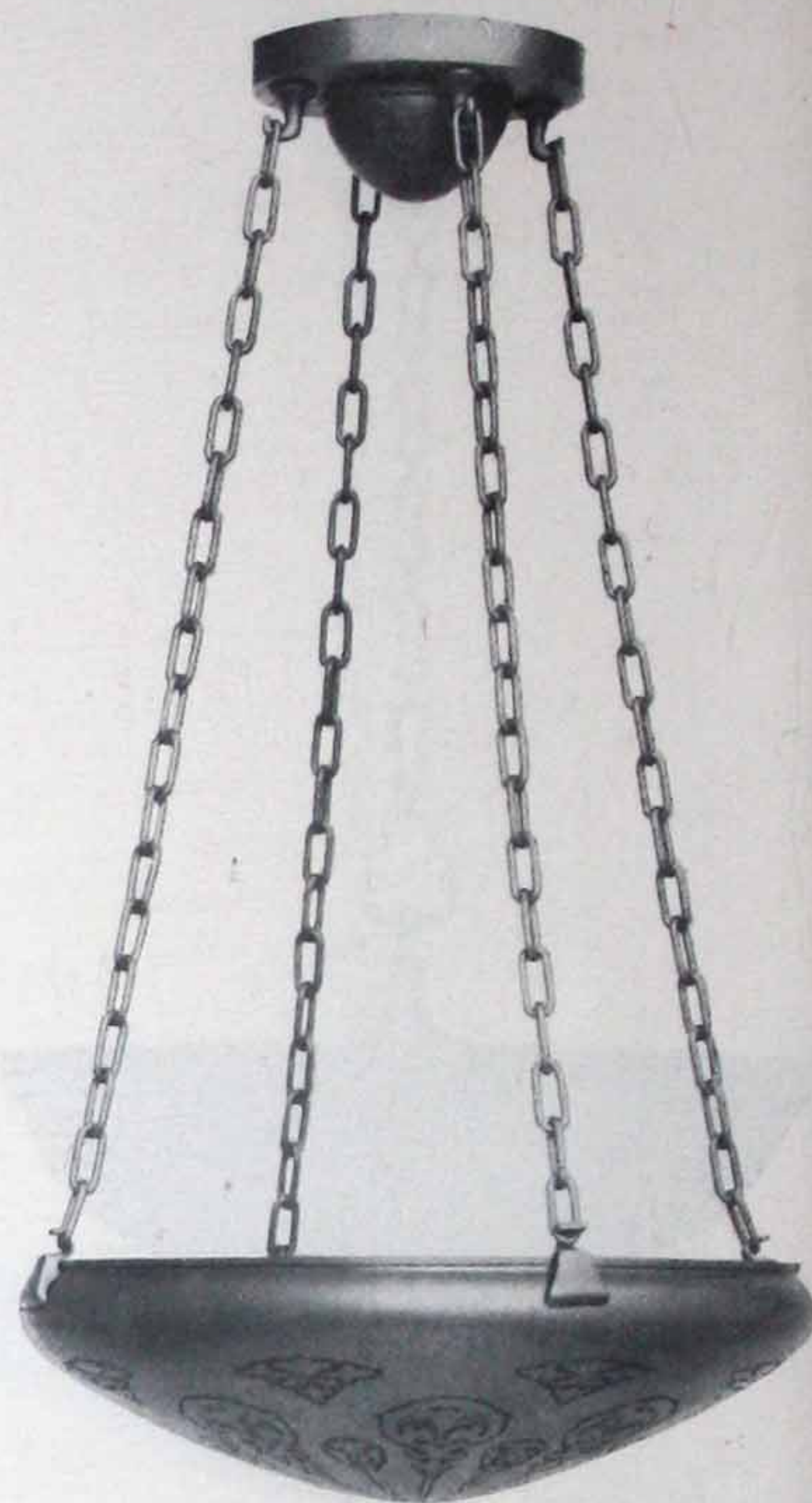
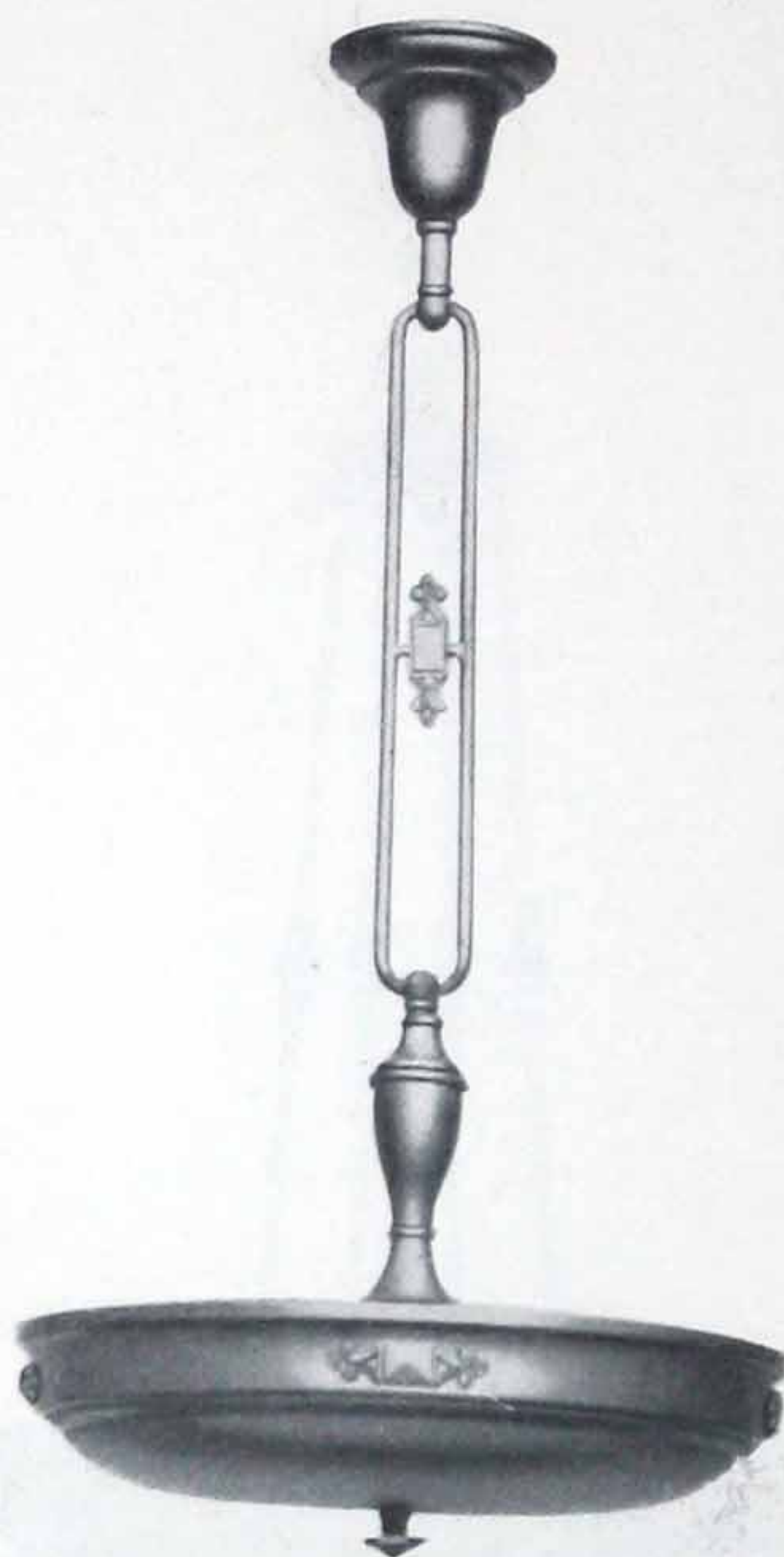
Diameter 18½ inches Depth 8 inches
Standard Finish: Brushed Brass

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|----------------------|-------|---------------|
| †3353A | 3 | 75 | | \$74.00 |
| †3354A | 4 | 75 | | 78.25 |
| 3353D | 3 | 100 or 150 | | 75.50 |
| 3354D | 4 | 100 or 150 | | 80.25 |

No. 3711 Design—Brass

Diameter 14 inches Depth 12 inches
Standard Finish: Natural Bronze with
Shaded Castings

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|----------------------|-------|---------------|
| 3711J | 1 | 100 or 150 | | \$38.50 |
| 3711K | 1 | 200 | | 38.50 |



No. 3232 Design—Brass

Diameter 17 inches Depth 5 inches
Standard Finish: Brushed Brass

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|-------------------|-------|------------|
| †3232A | 2 | 75 | | \$47.00 |
| †3233A | 3 | 75 | | 51.25 |
| †3234A | 4 | 75 | | 55.50 |
| 3232D | 2 | 100 or 150 | | 48.00 |
| 3233D | 3 | 100 or 150 | | 52.75 |

No. 4092 Design—Brass

Diameter 17 inches Depth 5 inches
Standard Finish

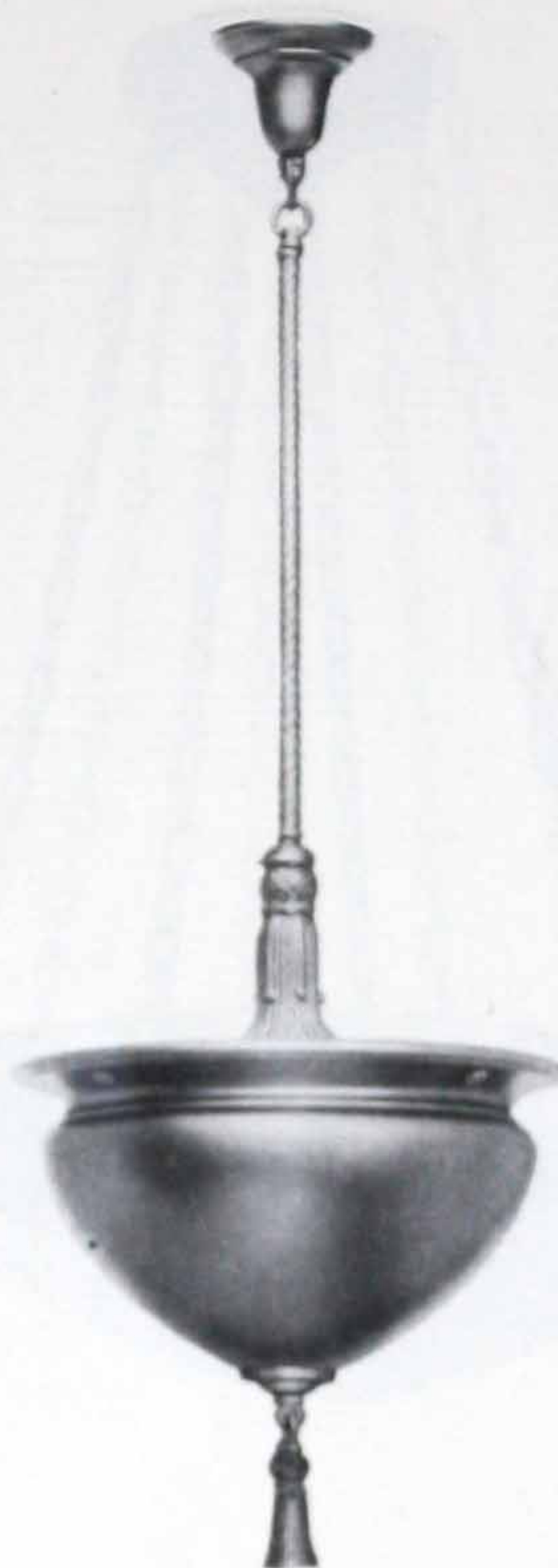
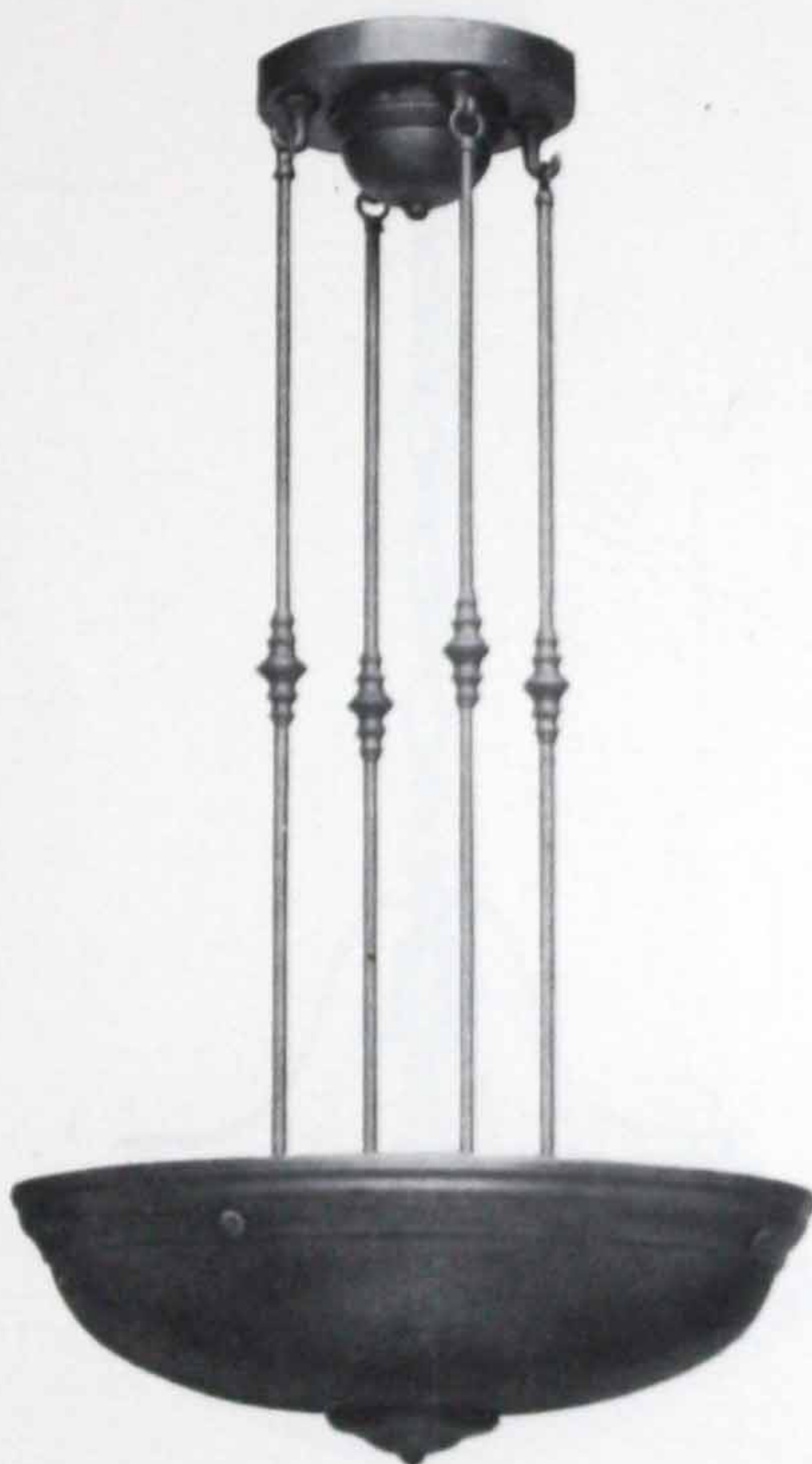
| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|-------------------|-------|------------|
| †4092A | 2 | 75 | | \$85.50 |
| †4093A | 3 | 75 | | 89.75 |
| †4094A | 4 | 75 | | 94.00 |
| 4092D | 2 | 100 or 150 | | 86.50 |
| 4093D | 3 | 100 or 150 | | 91.25 |

No. 3083 Design—Brass

Diameter 18½ inches Depth 6 inches
Standard Finish: Antique Brass

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|-------------------|-------|------------|
| †3083A | 3 | 75 | | \$73.00 |
| †3084A | 4 | 75 | | 77.25 |
| 3082D | 3 | 100 or 150 | | 74.50 |
| 3084D | 4 | 100 or 150 | | 79.25 |

Add \$5.00 if wanted equipped with Electroliner Pull Switch described on Page 5.



No. 3462 Design—Brass

Diameter 14 inches Depth 4 $\frac{3}{4}$ inches
Standard Finish: Brushed Brass

| Catalog No. | No. | Type | Size in | Price |
|-------------|-------|------------|---------|-------|
| "C" | Lamps | Watts | Each | |
| †3462A | 2 | 75 | \$40.00 | |
| †3463A | 3 | 75 | 44.25 | |
| 3462D | 2 | 100 or 150 | 41.00 | |

| Diameter | 18 $\frac{1}{2}$ inches | Depth | 6 inches | |
|----------|-------------------------|------------|----------|--|
| †3473A | 3 | 75 | \$45.75 | |
| †3474A | 4 | 75 | 50.00 | |
| 3473D | 3 | 100 or 150 | 47.25 | |
| 3474D | 4 | 100 or 150 | 52.00 | |

No. 1393 Design—Brass

Diameter 20 inches Depth 6 $\frac{1}{2}$ inches
Standard Finish: Brushed Brass

| Catalog No. | No. | Type | Size in | Price |
|-------------|-------|------------|---------|-------|
| "C" | Lamps | Watts | Each | |
| †1393A | 3 | 75 | \$55.75 | |
| †1394A | 4 | 75 | 60.00 | |
| 1393D | 3 | 100 or 150 | 57.25 | |
| 1394D | 4 | 100 or 150 | 62.00 | |

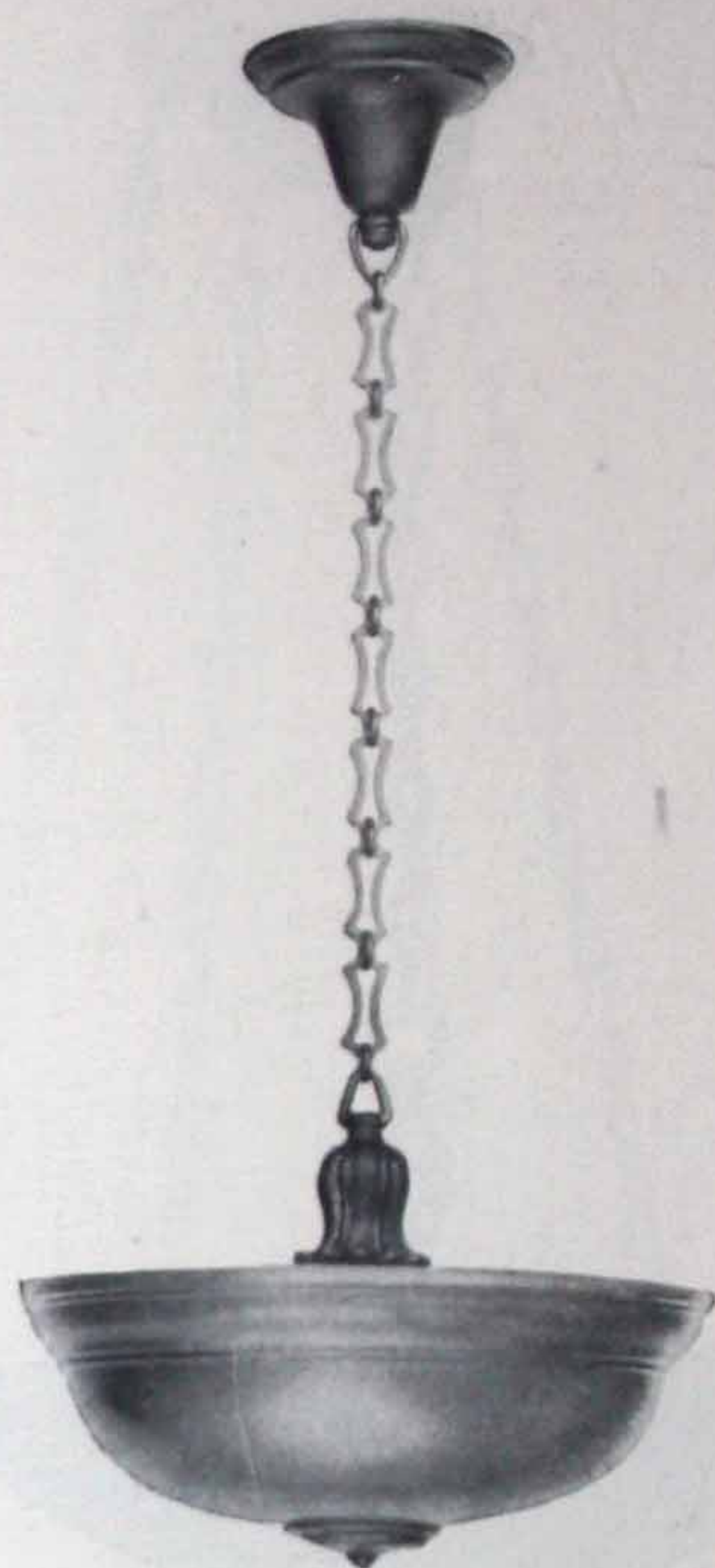
Add \$5.00 if wanted equipped with Electrolux Pull Switch described on Page 5.

No. 4103 Design—Brass

Diameter 17 inches Depth 12 $\frac{1}{2}$ inches
Standard Finish: Brushed Brass

| Catalog No. | No. | Type | Size in | Price |
|-------------|-------|------------|---------|-------|
| "C" | Lamps | Watts | Each | |
| †4103A | 3 | 75 | \$52.50 | |
| 4102D | 2 | 100 or 150 | 49.25 | |
| 4103D | 3 | 100 or 150 | 54.00 | |

Metal Rope Tubing and Stamped Metal Tassel used.



No. 83 Design—Brass

Diameter 14 inches Depth 4 1/4 inches
Standard Finish: Brushed Brass

| Catalog No. | No. "C" Lamps | Type Size in Walls | Price Each |
|-------------|---------------|--------------------|------------|
| †72A | 2 | 75 | \$40.00 |
| †73A | 3 | 75 | 44.25 |
| 72D | 2 | 100 or 150 | 41.00 |

Above fixture has Three Chain Suspension.
Diameter 18 1/4 inches Depth 6 inches

| | | | |
|------|---|------------|---------|
| †83A | 3 | 75 | \$45.75 |
| †84A | 4 | 75 | 50.00 |
| 83D | 3 | 100 or 150 | 47.25 |
| 84D | 4 | 100 or 150 | 52.00 |

Add \$5.00 if wanted equipped with Electrolux Pull Switch described on Page 5.

No. 4111 Design—Brass

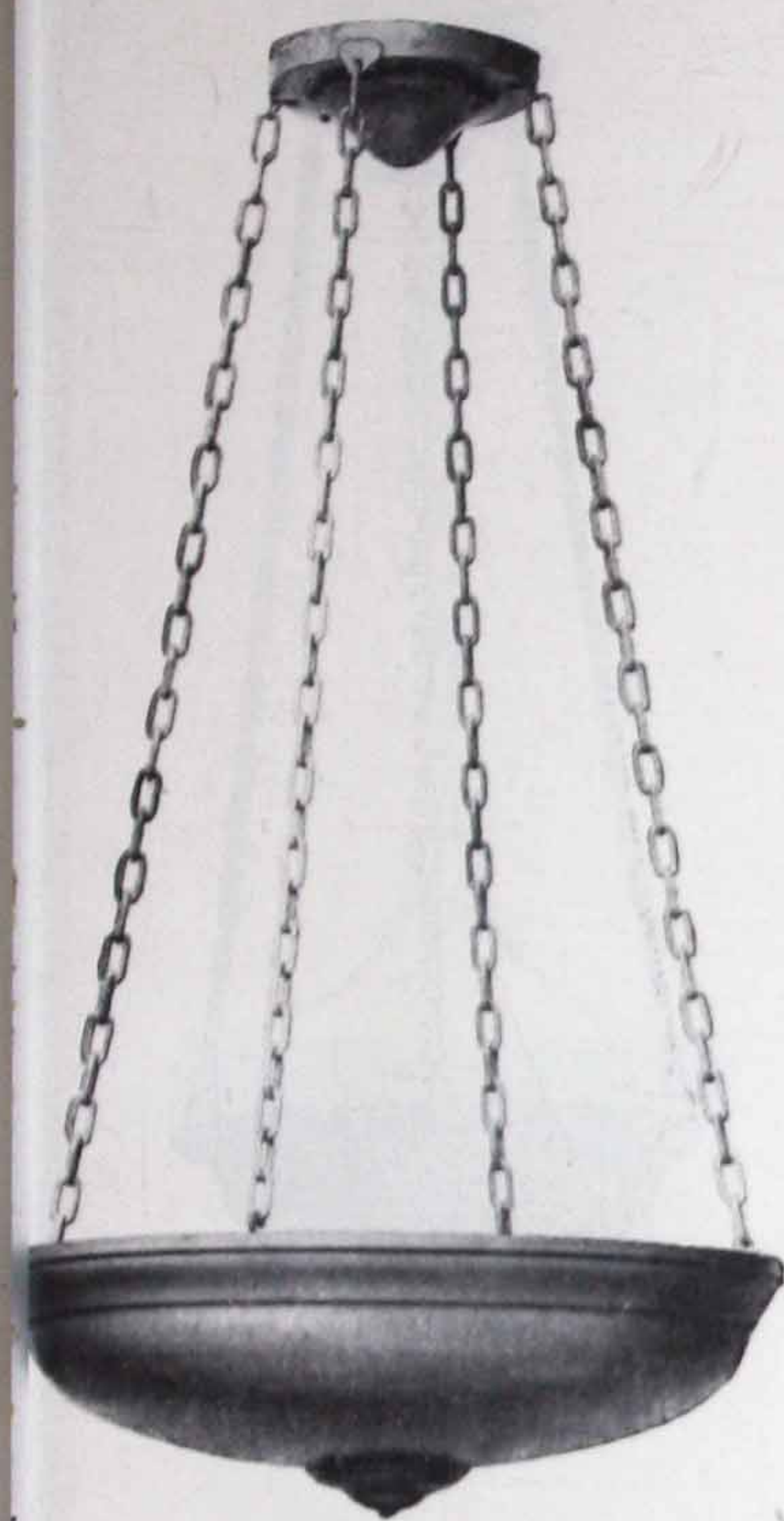
Diameter 18 1/4 inches Depth 7 1/4 inches
Standard Finish: Antique Brass

| Catalog No. | No. "C" Lamps | Type Size in Walls | Price Each |
|-------------|---------------|--------------------|------------|
| 4111W | 1 | 200 | \$38.50 |
| 4111M | 1 | 300, 400 or 500 | 43.25 |

No. 2762 Design—Steel

Diameter 16 inches Depth 6 1/2 inches
Standard Finish: (Washable) Flat White, Cream or Dark Gold Bronze

| Catalog No. | No. "C" Lamps | Type Size in Walls | Price Each |
|-------------|---------------|--------------------|------------|
| †2762A | 2 | 75 | \$30.75 |
| †2763A | 3 | 75 | 35.00 |
| 2762D | 2 | 100 or 150 | 31.75 |



No. 1073 Design—Steel

Diameter 16 inches Depth 6½ inches
Standard Finish: (Washable) Flat White, Cream or Dark Gold Bronze

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|-------------------|-------|------------|
| †2362A | 2 | 75 | | \$27.25 |
| †2363A | 3 | 75 | | 31.50 |
| 2362D | 2 | 100 or 150 | | 28.25 |

Above Bowl has Three Chain Suspension.
Diameter 20 inches Depth 6½ inches

| | | | | |
|--------|---|------------|--|---------|
| †1073A | 3 | 75 | | \$36.00 |
| †1074A | 4 | 75 | | 40.25 |
| 1073D | 3 | 100 or 150 | | 37.50 |
| 1074D | 4 | 100 or 150 | | 42.25 |

Add \$5.00 if wanted equipped with Electroliner Pull Switch described on Page 5.

No. 3111 Design—Steel

Diameter 18½ inches Depth 6 inches
Standard Finish: (Washable) Flat White, Cream or Dark Bronze

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|-------------------|-------|------------|
| 3111W | 1 | 200 | | \$29.50 |
| 3111M | 1 | 300, 400 or 500 | | 34.25 |

No. 3013 Design—Steel

Diameter 18½ inches Depth 6 inches
Standard Finish: (Washable) Flat White, Cream or Dark Bronze

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|-------------------|-------|------------|
| †3013A | 3 | 75 | | \$35.75 |
| †3014A | 4 | 75 | | 40.00 |
| 3013D | 3 | 100 or 150 | | 37.25 |
| 3014D | 4 | 100 or 150 | | 42.00 |
| *3011W | 1 | 200 | | 30.75 |
| *3011M | 1 | 300, 400 or 500 | | 35.50 |



No. 83 Design—Brass

Diameter 14 inches Depth 4 3/4 inches
Standard Finish: Brushed Brass

| Catalog No. | No. of "C" Lamps | Type Size in Watts | Price Each |
|-------------|------------------|--------------------|------------|
| †72A | 2 | 75 | \$40.00 |
| †73A | 3 | 75 | 44.25 |
| 72D | 2 | 100 or 150 | 41.00 |

Above fixture has Three Chain Suspension.
Diameter 18 1/4 inches Depth 6 inches

| | | | |
|------|---|------------|---------|
| †83A | 3 | 75 | \$45.75 |
| †84A | 4 | 75 | 50.00 |
| 83D | 3 | 100 or 150 | 47.25 |
| 84D | 4 | 100 or 150 | 52.00 |

Add \$5.00 if wanted equipped with Electrolux Pull Switch described on Page 5.

No. 4111 Design—Brass

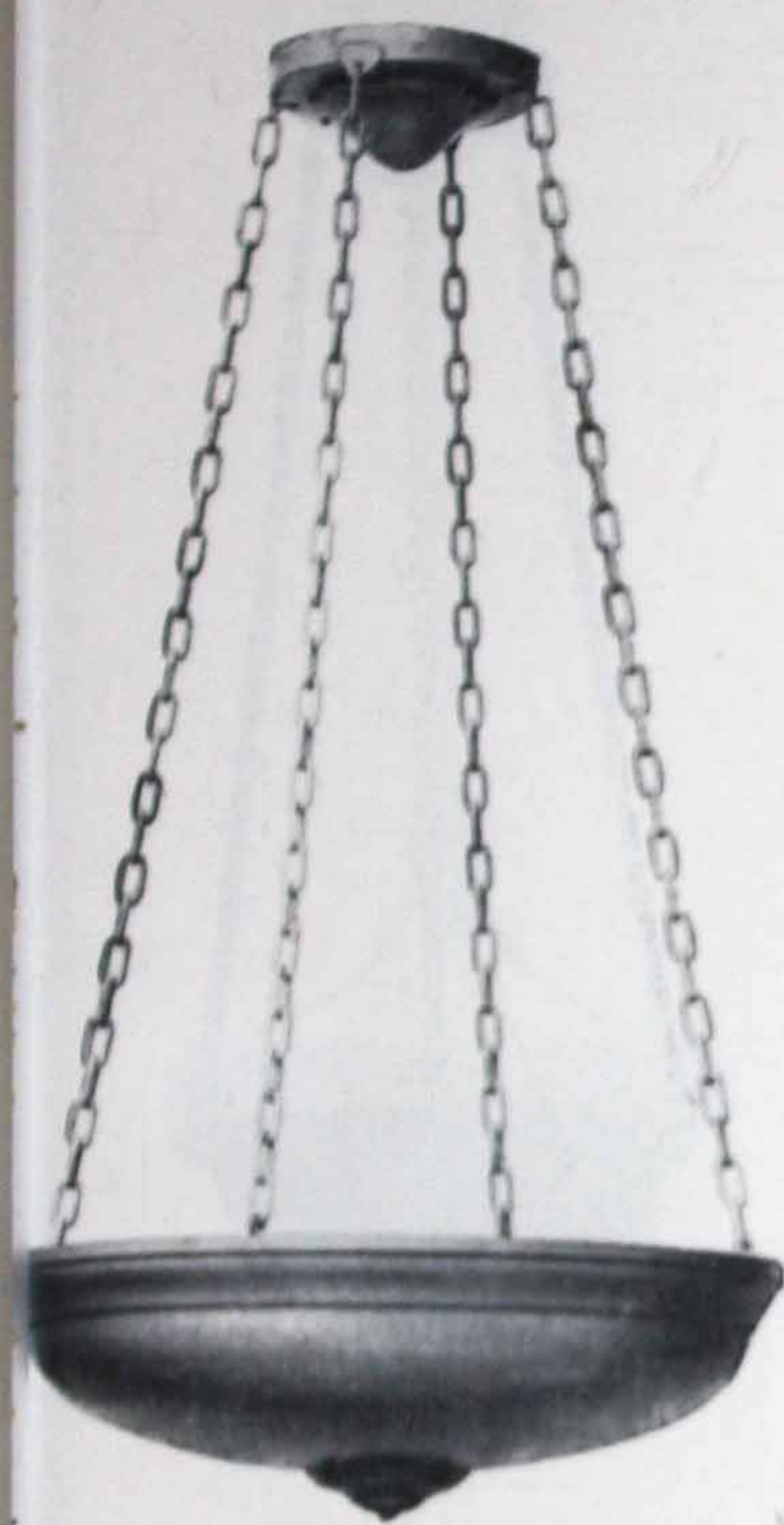
Diameter 18 1/4 inches Depth 7 1/4 inches
Standard Finish: Antique Brass

| Catalog No. | No. of "C" Lamps | Type Size in Watts | Price Each |
|-------------|------------------|--------------------|------------|
| 4111W | 1 | 200 | \$38.50 |
| 4111M | 1 | 300, 400 or 500 | 43.25 |

No. 2762 Design—Steel

Diameter 16 inches Depth 6 1/2 inches
Standard Finish: (Washable) Flat White, Cream or Dark Gold Bronze

| Catalog No. | No. of "C" Lamps | Type Size in Watts | Price Each |
|-------------|------------------|--------------------|------------|
| †2762A | 2 | 75 | \$30.75 |
| †2763A | 3 | 75 | 35.00 |
| 2762D | 2 | 100 or 150 | 31.75 |



No. 1073 Design—Steel

Diameter 16 inches Depth 6½ inches
Standard Finish: (Washable) Flat White, Cream or Dark Gold Bronze

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|-------------------|-------|------------|
| †2362A | 2 | 75 | | \$27.25 |
| †2363A | 3 | 75 | | 31.50 |
| 2362D | 2 | 100 or 150 | | 28.25 |

Above Bowl has Three Chain Suspension.

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|-------------------|-------|------------|
| †1073A | 3 | 75 | | \$36.00 |
| †1074A | 4 | 75 | | 40.25 |
| 1073D | 3 | 100 or 150 | | 37.50 |
| 1074D | 4 | 100 or 150 | | 42.25 |

Add \$5.00 if wanted equipped with Electroliner Pull Switch described on Page 5.

No. 3111 Design—Steel

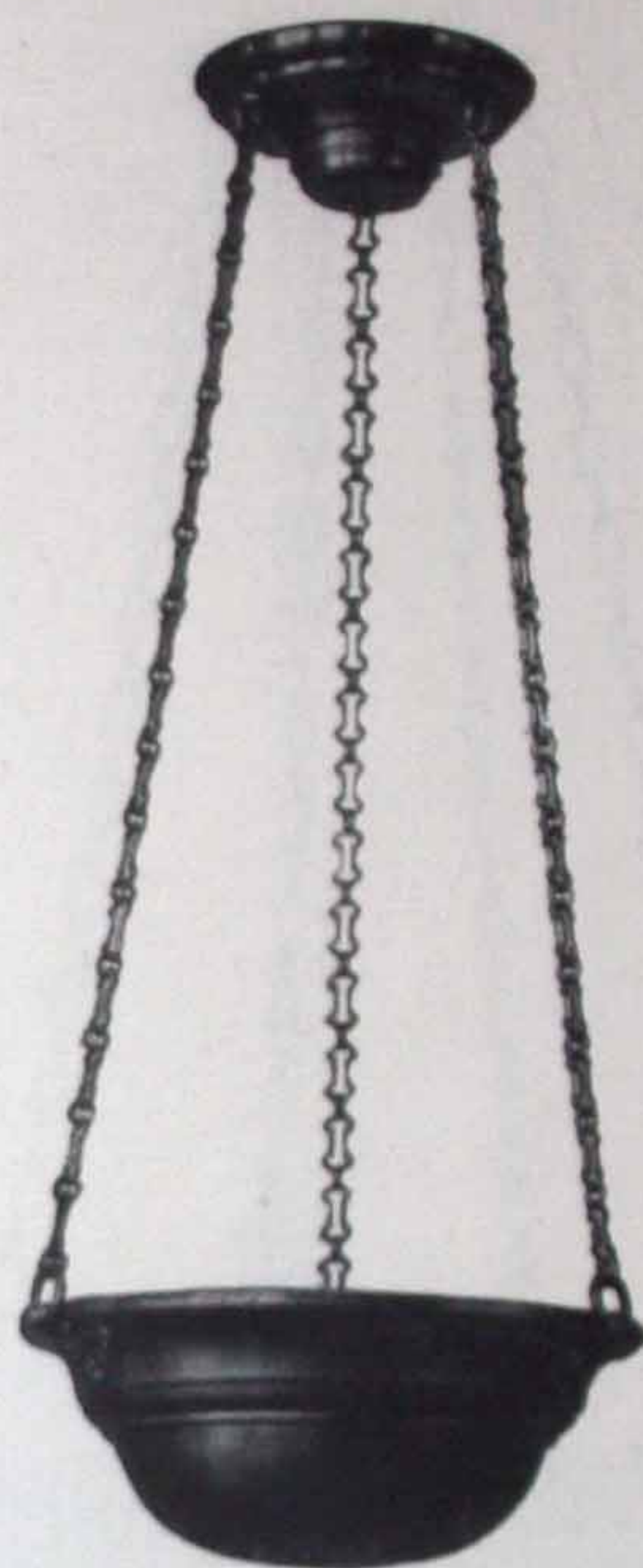
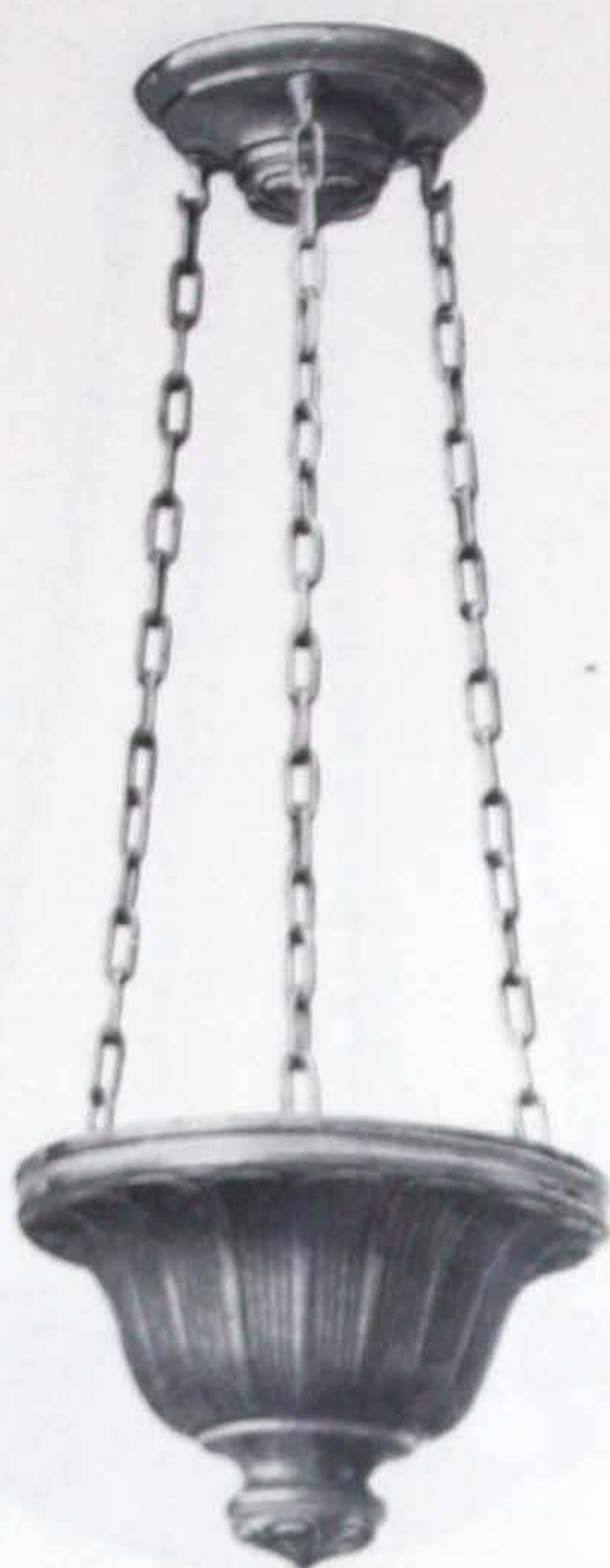
Diameter 18½ inches Depth 6 inches
Standard Finish: (Washable) Flat White, Cream or Dark Bronze

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|-------------------|-------|------------|
| 3111W | 1 | 200 | | \$29.50 |
| 3111M | 1 | 300, 400 or 500 | | 34.25 |

No. 3013 Design—Steel

Diameter 18½ inches Depth 6 inches
Standard Finish: (Washable) Flat White, Cream or Dark Bronze

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|-------------------|-------|------------|
| †3013A | 3 | 75 | | \$35.75 |
| †3014A | 4 | 75 | | 40.00 |
| 3013D | 3 | 100 or 150 | | 37.25 |
| 3014D | 4 | 100 or 150 | | 42.00 |
| *3011W | 1 | 200 | | 30.75 |
| *3011M | 1 | 300, 400 or 500 | | 35.50 |



| No. 31 Design—Brass | | | |
|--|-------------|-------------------|------------|
| Diameter 13 inches | | Depth 8 inches | |
| Standard Finish: Sand Blast with Brushed Brass High Lights | | | |
| Catalog No. | No. of Type | Size in "C" Lamps | Price Each |
| 31J | 1 | 100 or 150 | \$26.50 |
| 31K | 1 | 200 | 26.50 |

| No. 3321 Design—Brass | | | |
|--------------------------------|-------------|-------------------|------------|
| Diameter 14 inches | | Depth 8 inches | |
| Standard Finish: Brushed Brass | | | |
| Catalog No. | No. of Type | Size in "C" Lamps | Price Each |
| 3321V | 1 | 100 or 150 | \$25.75 |
| 3321W | 1 | 200 | 25.75 |
| 3321M | 1 | 300 | 31.25 |

| No. 961 Design—Brass | | | |
|--------------------------------|-----------------------|----------------|------------|
| Diameter 14 inches | | Depth 6 inches | |
| Standard Finish: Brushed Brass | | | |
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| 961D | 1 | 100 or 150 | \$27.25 |
| 961F | 1 | 200 | 27.75 |
| 962A | 2 | 75 | 31.75 |
| 971D | 1 | 100 or 150 | 22.75 |
| 971F | 1 | 200 | 23.25 |
| 972A | 2 | 75 | 27.25 |

†Fixture Furnished with Oval Link Chain instead of fancy chain shown.



No. 241 Design—Brass

Diameter 9 $\frac{3}{4}$ inches Depth 5 $\frac{3}{4}$ inches
Standard Finish: Brushed Brass

| Catalog No. | No. | Type | Size in "C" Lamps | Watts | Price Each |
|---|-----|------|----------------------|-------|---------------|
| 181V | 1 | | 100 or 150 | | \$15.25 |
| 181W | 1 | | 200 | | 15.25 |
| Diameter 12 $\frac{1}{4}$ inches Depth 6 $\frac{1}{4}$ inches | | | | | |
| 211V | 1 | | 100 or 150 | | \$19.75 |
| 211W | 1 | | 200 | | 19.75 |
| 211M | 1 | | 300 | | 24.50 |
| Diameter 14 $\frac{3}{4}$ inches Depth 8 $\frac{3}{4}$ inches | | | | | |
| 241W | 1 | | 200 | | \$22.50 |
| 241M | 1 | | 300, 400 or 500 | | 28.00 |

No. 1162 Design—Steel

Diameter 14 inches Depth 6 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Gold Bronze

| Catalog No. | No. | Type | Size in "C" Lamps | Watts | Price Each |
|---|-----|------|----------------------|-------|---------------|
| †1162A | 2 | | 75 | | \$24.00 |
| 1161D | 1 | | 100 or 150 | | 19.50 |
| 1161F | 1 | | 200 | | 20.00 |
| *1161W | 1 | | 200 | | 23.25 |
| *1161M | 1 | | 300, 400 or 500 | | 28.00 |
| Diameter 19 inches Depth 7 $\frac{1}{4}$ inches | | | | | |
| †2383A | 3 | | 75 | | \$32.75 |
| †2384A | 4 | | 75 | | 37.00 |
| 2383D | 3 | | 100 or 150 | | 34.25 |
| *2381W | 1 | | 200 | | 27.75 |
| *2381M | 1 | | 300, 400 or 500 | | 32.50 |
| *2381E | 1 | | 750 or 1000 | | 37.00 |

No. 3681 Design—Brass

Diameter 13 inches Depth 8 inches
Standard Finish: Sand Blast with Brushed
Brass High Lights

| Catalog No. | No. | Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-----|------|----------------------|-------|---------------|
| 3681V | 1 | | 100 or 150 | | \$22.75 |
| 3681W | 1 | | 200 | | 22.75 |



No. 1321 Design—Steel

Diameter 14 inches Depth 6 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Gold Bronze

| Catalog No. | No. of Type | Size in Lamps Walls | Price Each |
|-------------|-------------|------------------------|---------------|
| 1321V | 1 | 100 or 150 | \$17.75 |
| 1321W | 1 | 200 | 17.75 |
| 1321M | 1 | 300, 400 or 500 | 23.25 |

No. 2281 Design—Brass

Standard Finish: Brushed Brass

| | | | |
|-------|---|-----------------|---------|
| 2281V | 1 | 100 or 150 | \$19.75 |
| 2281W | 1 | 200 | 19.75 |
| 2281M | 1 | 300, 400 or 500 | 25.25 |

No. 121 Design—Brass

Diameter 11 inches Depth 10 inches
Standard Finish: Brushed Brass

| Catalog No. | No. of Type | Size in Lamps Walls | Price Each |
|------------------------|-------------|------------------------|---------------|
| 121J | 1 | 100 or 150 | \$37.50 |
| §121K | 1 | 200 | 37.50 |
| Diameter 15 1/4 inches | | | |
| §131L | 1 | 300, 400 or 500 | 43.50 |

No. 2271 Design—Steel

Diameter 9 3/4 inches Depth 5 3/4 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Gold Bronze

| Catalog No. | No. of Type | Size in Lamps Walls | Price Each |
|------------------------|-------------|------------------------|---------------|
| 2271V | 1 | 100 or 150 | \$13.25 |
| 2271W | 1 | 200 | 13.25 |
| Diameter 12 1/4 inches | | | |
| 1841V | 1 | 100 or 150 | \$17.50 |
| 1841W | 1 | 200 | 17.50 |
| 1841M | 1 | 300 | 22.25 |
| Diameter 14 1/4 inches | | | |
| 2351W | 1 | 200 | \$19.25 |
| 2351M | 1 | 300, 400 or 500 | 24.75 |



No. 1831 Design—Steel

Diameter 18½ inches Depth 9½ inches
Standard Finish: (Washable) Flat White, Cream or Dark Gold Bronze

| Catalog No. | No. of "C" Lamps | Type Size in Watts | Price Each |
|-------------|------------------|--------------------|------------|
| 1831W | 1 | 200 | \$22.00 |
| 1831M | 1 | 300, 400 or 500 | 26.75 |
| 1831E | 1 | 750 or 1000 | 31.25 |

No. 1951 Design—Steel

Diameter 19 inches Depth 7½ inches
Standard Finish: (Washable) Flat White, Cream or Dark Gold Bronze

| Catalog No. | No. of "C" Lamps | Type Size in Watts | Price Each |
|-------------|------------------|--------------------|------------|
| 1951W | 1 | 200 | \$25.25 |
| 1951M | 1 | 300, 400 or 500 | 30.00 |
| 1951E | 1 | 750 or 1000 | 34.50 |

No. 1221 Design—Steel

Diameter 18½ inches Depth 9½ inches
Standard Finish: (Washable) Flat White, Cream or Dark Gold Bronze

| Catalog No. | No. of "C" Lamps | Type Size in Watts | Price Each |
|-------------|------------------|--------------------|------------|
| 1221W | 1 | 200 | \$22.00 |
| 1221M | 1 | 300, 400 or 500 | 26.75 |
| 1221E | 1 | 750 or 1000 | 31.25 |



No. 151 Design—Steel

Diameter 18½ inches Depth 13 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Bronze

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|----------------------|-------|---------------|
| *151K | 1 | 200 | | \$19.00 |
| *151L | 1 | 300, 400 or 500 | | 23.75 |
| *151W | 1 | 200 | | 22.00 |
| *151M | 1 | 300, 400 or 500 | | 26.75 |
| *151E | 1 | 750 or 1000 | | 31.25 |

No. 3673 Design—Steel

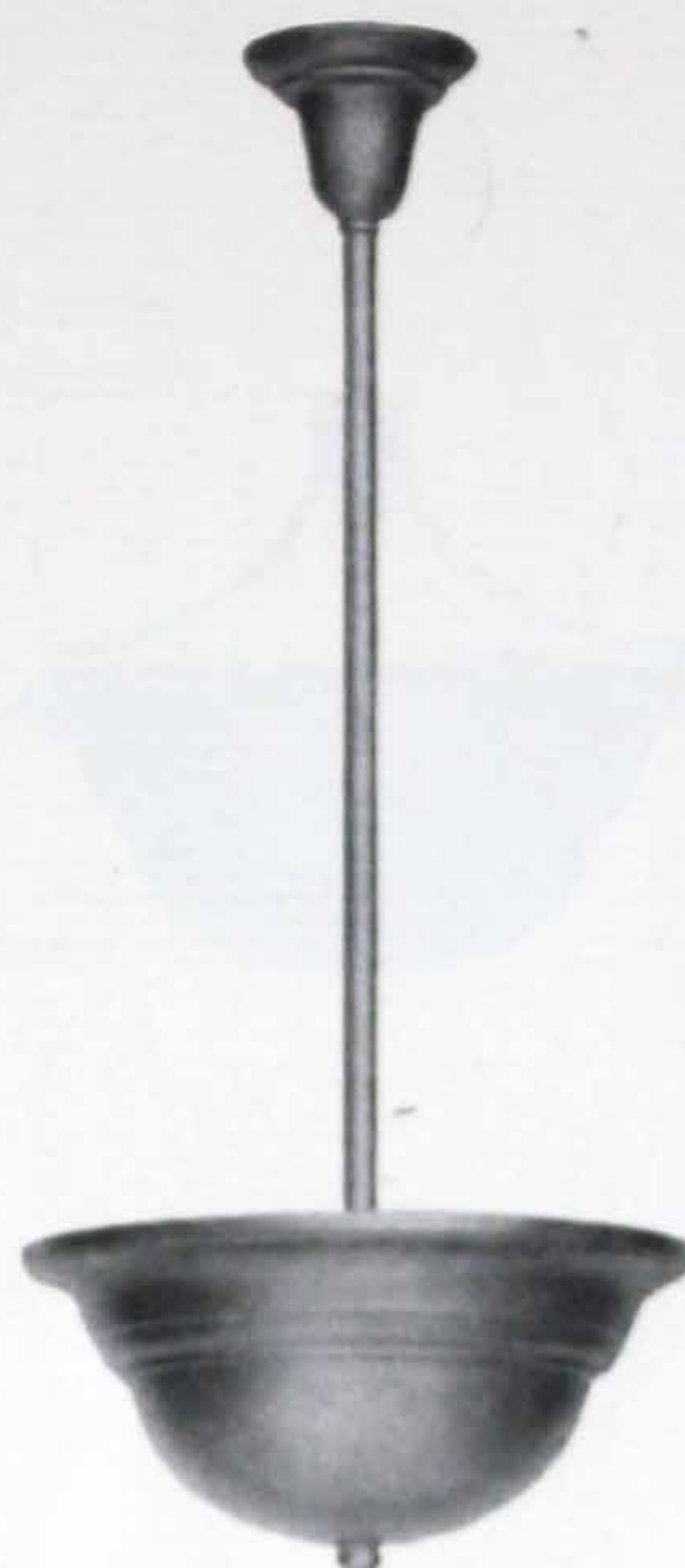
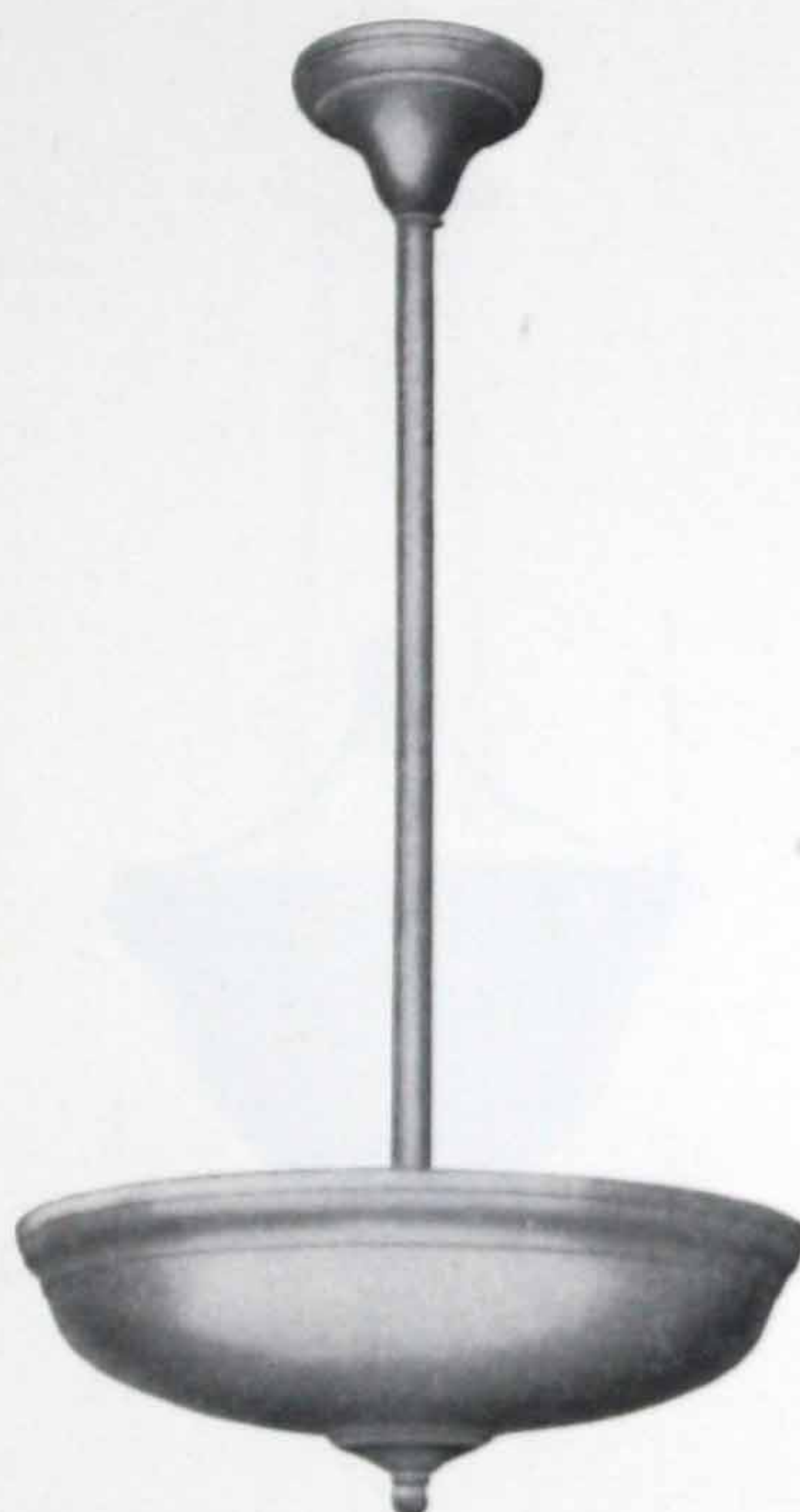
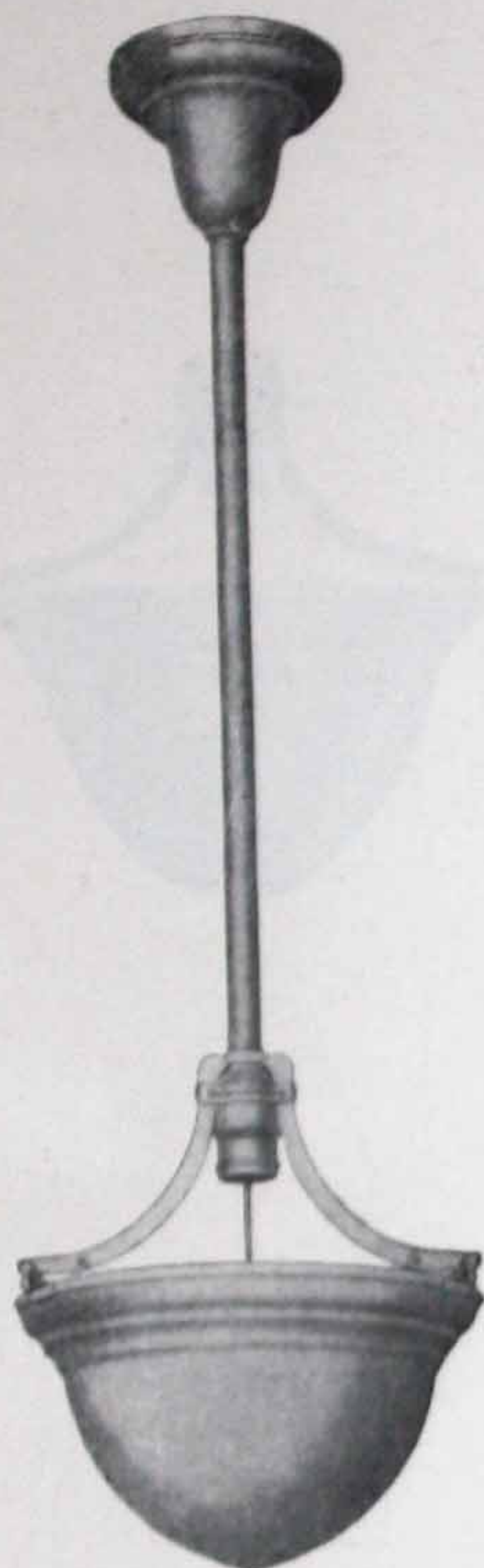
Diameter 18 inches Depth 12 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Gold Bronze

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|----------------------|-------|---------------|
| 3673A | 3 | 75 | | \$39.00 |
| 3674A | 4 | 75 | | 43.25 |
| 3673D | 3 | 100 or 150 | | 40.50 |
| 3674D | 4 | 100 or 150 | | 45.25 |

No. 1801 Design—Steel

Diameter 18½ inches Depth 9½ inches
Standard Finish: (Washable) Flat White,
Cream or Dark Gold Bronze

| Catalog No. | No. of Type | Size in "C" Lamps | Watts | Price Each |
|-------------|-------------|----------------------|-------|---------------|
| 1801W | 1 | 200 | | \$22.00 |
| 1801M | 1 | 300, 400 or 500 | | 26.75 |
| 1801E | 1 | 750 or 1000 | | 31.25 |



No. 941 Design—Steel

| | | | |
|--|-----------|-----------------|---------|
| Diameter 9¾ inches | | Depth 5¾ inches | |
| Standard Finish: (Washable) Flat White | | | |
| Catalog No. of Type | | Size in | Price |
| No. | "C" Lamps | Watts | Each |
| 941V | 1 | 100 or 150 | \$14.50 |
| 941W | 1 | 200 | 14.50 |
| Diameter 12¼ inches | | Depth 6½ inches | |
| 4121W | 1 | 200 | \$18.75 |
| 4121M | 1 | 300 | 23.50 |

No. 983 Design—Steel

| Diameter 16 inches | | Depth 6 inches | |
|--|-------------------|-----------------|------------|
| Standard Finish: (Washable) Flat White | | | |
| Catalog No. | of Type "C" Lamps | Size in Watts | Price Each |
| †2342A | 2 | 75 | \$29.75 |
| †2343A | 3 | 75 | 34.00 |
| 2342D | 2 | 100 or 150 | 30.75 |
| Diameter 20 inches | | Depth 6¼ inches | |
| †983A | 3 | 75 | \$37.75 |
| †984A | 4 | 75 | 42.00 |
| 983D | 3 | 100 or 150 | 39.25 |
| 984D | 4 | 100 or 150 | 44.00 |

Add \$5.00 if wanted equipped with Electrolier Pull Switch described on Page 5.

No. 1332 Design—Steel

| | | | |
|--|-----------|----------------|---------|
| Diameter 14 inches | | Depth 6 inches | |
| Standard Finish: (Washable) Flat White | | | |
| Catalog No. | of Type | Size in | Price |
| No. | "C" Lamps | Watts | Each |
| †1332A | 2 | 75 | \$28.00 |

Add \$5.00 if wanted equipped with Electrolier Pull Switch described on Page 5.



No. 1711 Design—Steel
Bowl, Reflector and Supporting
Arms Only

Diameter 14 inches Depth 6 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Gold Bronze

| Catalog No. | No. | Type | Size in | Price |
|-------------|-----|-----------------|---------|---------|
| | | "C" Lamps | Watts | Each |
| 1711V | 1 | 100 or 150 | | \$12.00 |
| 1711W | 1 | 200 | | 12.00 |
| 1711M | 1 | 300, 400 or 500 | | 16.00 |

No. 2481 Design—Brass

Standard Finish: Brushed Brass

| Catalog No. | No. | Type | Size in | Price |
|-------------|-----|-----------------|---------|---------|
| | | "C" Lamps | Watts | Each |
| 2481V | 1 | 100 or 150 | | \$14.00 |
| 2481W | 1 | 200 | | 14.00 |
| 2481M | 1 | 300, 400 or 500 | | 18.00 |

No. 1721 Design—Brass
Bowl, Reflector and Supporting
Arms Only

Diameter 9 3/4 inches Depth 5 3/4 inches
Standard Finish: Brushed Brass

| Catalog No. | No. | Type | Size in | Price |
|-------------|-----|------------|---------|--------|
| | | "C" Lamps | Watts | Each |
| 191V | 1 | 100 or 150 | | \$9.50 |
| 191W | 1 | 200 | | 9.50 |

| Catalog No. | No. | Type | Size in | Price |
|-------------|-----|------------|---------|---------|
| | | "C" Lamps | Watts | Each |
| 221V | 1 | 100 or 150 | | \$14.00 |
| 221W | 1 | 200 | | 14.00 |
| 221M | 1 | 300 | | 17.25 |

| Catalog No. | No. | Type | Size in | Price |
|-------------|-----|-----------------|---------|---------|
| | | "C" Lamps | Watts | Each |
| 1721V | 1 | 100 or 150 | | \$16.75 |
| 1721W | 1 | 200 | | 16.75 |
| 1721M | 1 | 300, 400 or 500 | | 20.75 |

No. 901 Design—Steel
Bowl, Reflector and Supporting
Arms Only

Diameter 9 3/4 inches Depth 5 3/4 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Gold Bronze

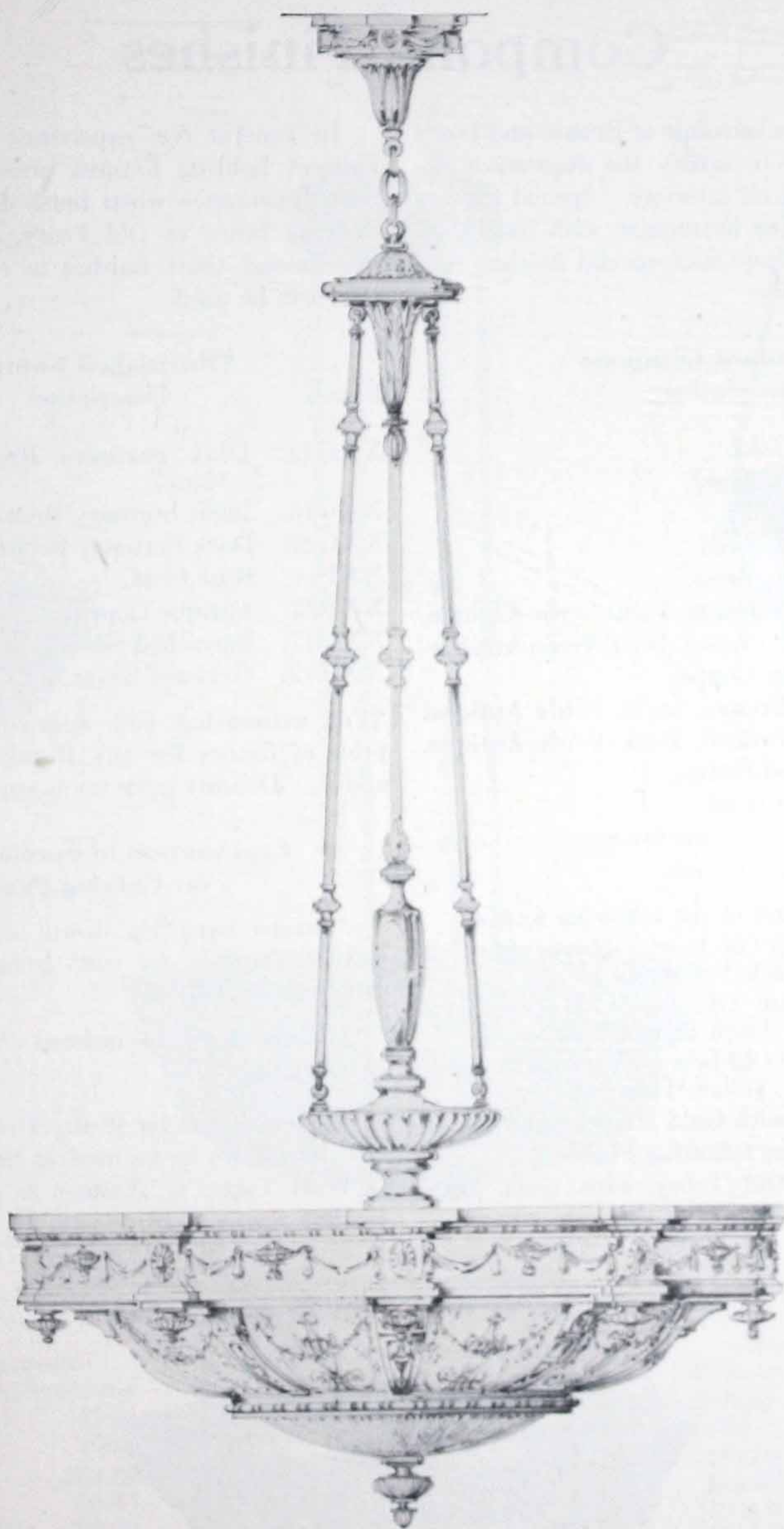
| Catalog No. | No. | Type | Size in | Price |
|-------------|-----|------------|---------|--------|
| | | "C" Lamps | Watts | Each |
| 901V | 1 | 100 or 150 | | \$7.50 |
| 901W | 1 | 200 | | 7.50 |

| Catalog No. | No. | Type | Size in | Price |
|-------------|-----|------------|---------|---------|
| | | "C" Lamps | Watts | Each |
| 1691V | 1 | 100 or 150 | | \$11.75 |
| 1691W | 1 | 200 | | 11.75 |
| 1691M | 1 | 300 | | 15.00 |

| Catalog No. | No. | Type | Size in | Price |
|-------------|-----|-----------------|---------|---------|
| | | "C" Lamps | Watts | Each |
| 2371V | 1 | 100 or 150 | | \$13.50 |
| 2371W | 1 | 200 | | 13.50 |
| 2371M | 1 | 300, 400 or 500 | | 17.50 |

COMPONE FIXTURES

SECTION THREE



Our competent designing staff and our efficient engineering department co-operate with the buyer of illumination to render a lighting service at once perfect and complete.

Compone Finishes

We list below a schedule of Bronze and Ivory finishes adequate to satisfy the decorative demands of 90% of all interiors. Special finishes can be produced to harmonize with individual color schemes. Upon such special finishes quotations will be made.

In general our experience has shown that indirect lighting fixtures present by far their best appearance when finished in a light color such as Ivory or Old Ivory, and we strongly recommend these finishes in every case where they can be used.

Standard Compone

| Finish No. | Description. |
|------------|--------------|
|------------|--------------|

- | | |
|------|-------------------------------------|
| A14. | Rose Gold. |
| A15. | Medium Gold. |
| A17. | Dark Gold. |
| A22. | Antique Gold. |
| C22. | Antique Brass. |
| D10. | Copper Bronze, Light Verde Antique. |
| D12. | Copper Bronze, Dark Verde Antique. |
| D22. | Antique Copper. |
| E10. | Gold Bronze, Light Verde Antique. |
| E12. | Gold Bronze, Dark Verde Antique. |
| M. | Brushed Brass. |
| P15. | Roman Gold. |
| R22. | Antique Copper Bronze. |
| T42. | Statuary Bronze. |

Add 10% for any of the following finishes:

- 27-15. Medium Old Ivory—Heavy Shading—Dark Yellow Tone.
- 27-32. Standard Old Ivory—Heavy Shading—Dark Brown Tone.

- 4047S. Special Old Ivory—Very Light Shading—Yellow Tone.

- 27HL. Ivory with Gold High Lights.

Add 15% for the following Finish:

- 27-15HL. Rich Old Ivory with Gold High Lights.

¶Burnished Compone

| Finish No. | Description |
|------------|-------------|
|------------|-------------|

- | | |
|--------|--------------------------------------|
| XXG12. | Dark Statuary Bronze, Verde Antique. |
| XXG15. | Light Statuary Bronze. |
| XXG22. | Dark Statuary Bronze. |
| XXP14. | Rose Gold. |
| XXR22. | Antique Copper. |
| XXH17. | Tarnished Silver. |
| XXH22. | Oxidized Silver. |

¶For estimating add approximately 40% to price of fixture for any Burnished finish listed above. Definite price upon application.

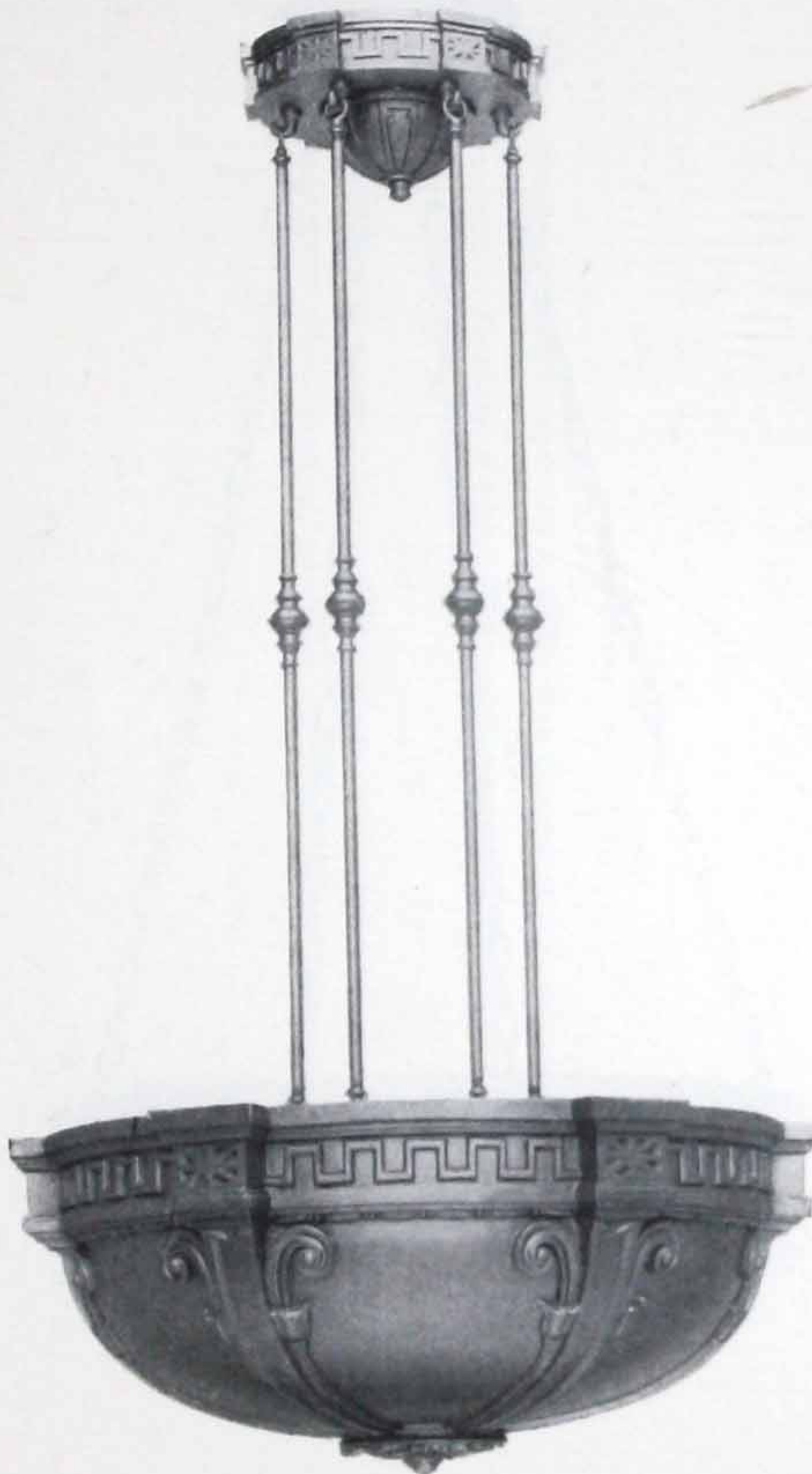
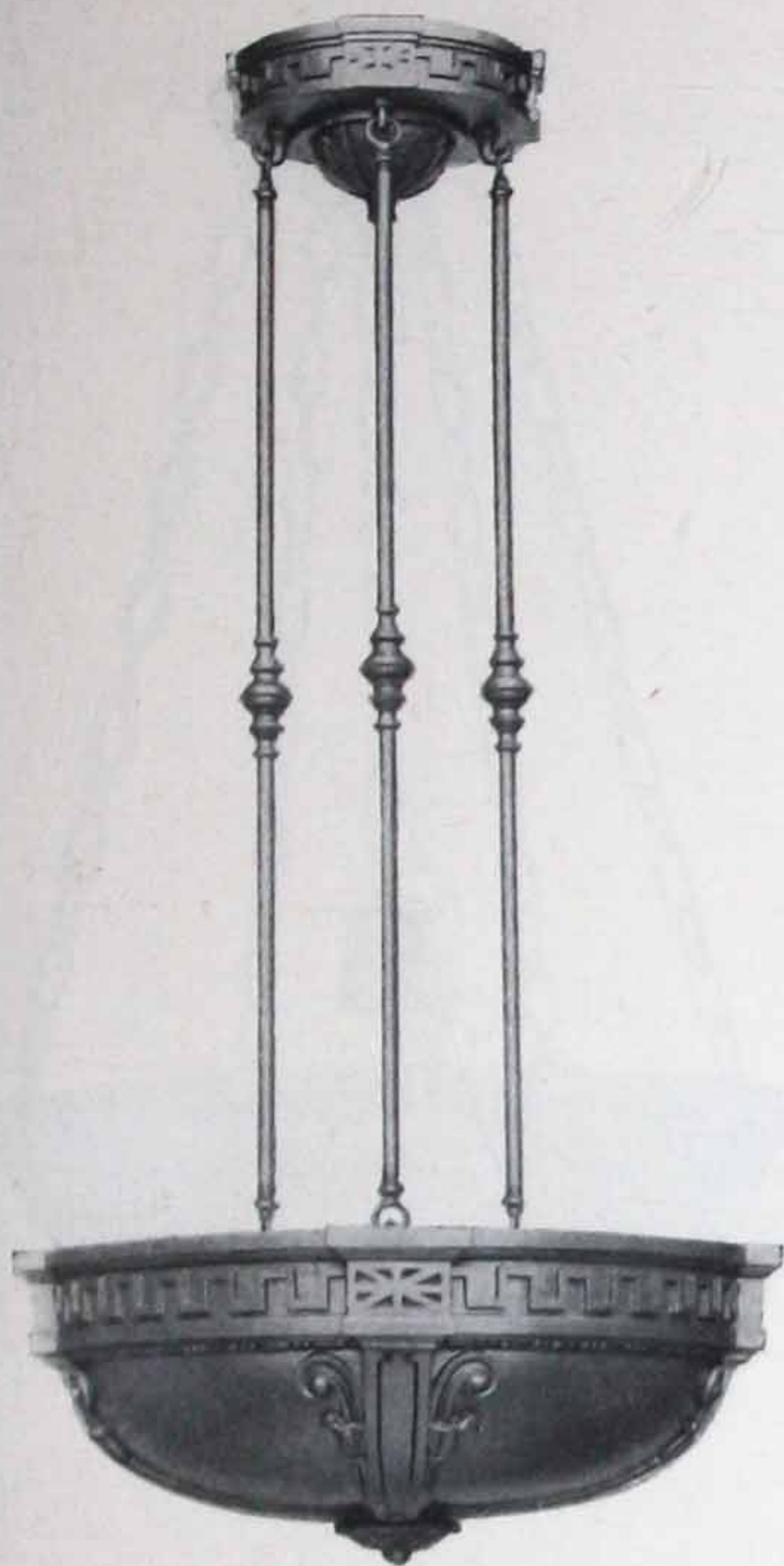
Explanation of Special Marks on Catalog Pages

*Lamps hang tip down, suspended on an additional chain (or rod) from Canopy. Not shown in illustration.

§Lamps must be ordered "Special" for tip up burning.

†Specify on order if 40, 50 or 60 watt type "B" lamps are to be used in fixtures listed for 75 Watt Type "C" Lamps, as special reflector holders are required.





No. 3422 Design—Compone

| Diameter 16 inches | | Depth 8 inches | |
|--------------------|------------------|--------------------|------------|
| Catalog No. | No. of "C" Lamps | Type Size in Watts | Price Each |
| †3422A | 2 | 75 | \$62.00 |
| †3423A | 3 | 75 | 66.25 |
| 3422D | 2 | 100 or 150 | 63.00 |
| Diameter 23 inches | | Depth 9 inches | |
| 3432D | 2 | 100 or 150 | \$75.00 |
| 3433D | 3 | 100 or 150 | 79.75 |
| 3434D | 4 | 100 or 150 | 84.50 |
| 4-Rod Suspension | | | |

No. 2154 Design—Compone

| Diameter 30 inches | | Depth 12 inches | |
|--------------------|------------------|--------------------|------------|
| Catalog No. | No. of "C" Lamps | Type Size in Watts | Price Each |
| 2154J | 4 | 100 or 150 | \$108.00 |
| 2155J | 5 | 100 or 150 | 114.25 |
| §2154K | 4 | 200 | 108.00 |
| §2155K | 5 | 200 | 114.25 |
| Diameter 42 inches | | Depth 18 inches | |
| §3413L | 3 | 300, 400 or 500 | \$158.00 |
| §3414L | 4 | 300, 400 or 500 | 169.50 |
| §3415L | 5 | 300, 400 or 500 | 181.00 |
| §3416L | 6 | 300, 400 or 500 | 192.50 |
| 6-Rod Suspension | | | |

No. 1942 Design—Compone

| Diameter 21 inches | | Depth 12½ inches | |
|--------------------|------------------|--------------------|------------|
| Catalog No. | No. of "C" Lamps | Type Size in Watts | Price Each |
| 1942D | 2 | 100 or 150 | \$70.00 |
| 1943D | 3 | 100 or 150 | 74.75 |
| *1941W | 1 | 200 | 68.25 |
| *1941M | 1 | 300, 400 or 500 | 73.00 |
| 4-Rod Suspension | | | |



No. 3242 Design—Compone

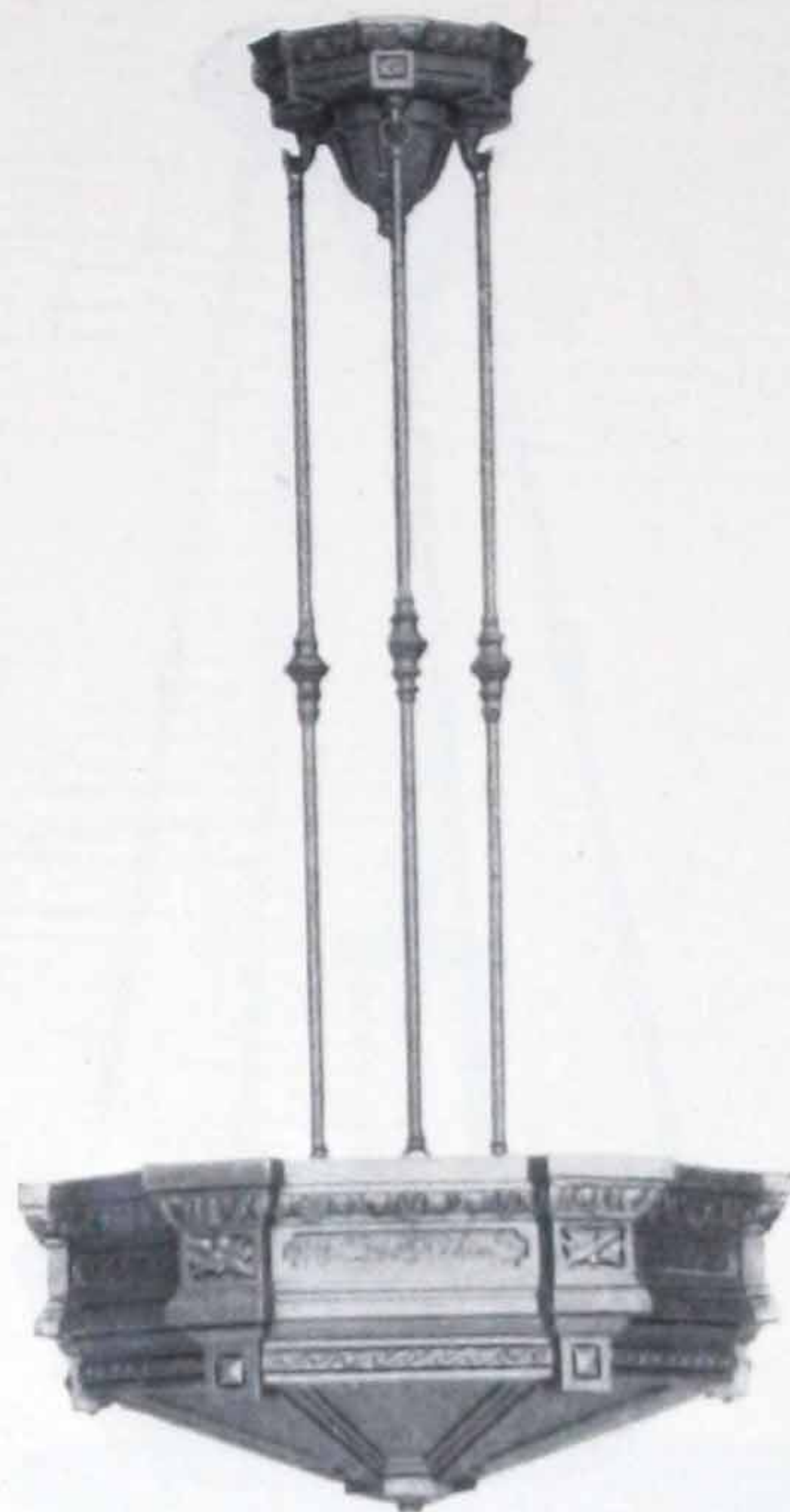
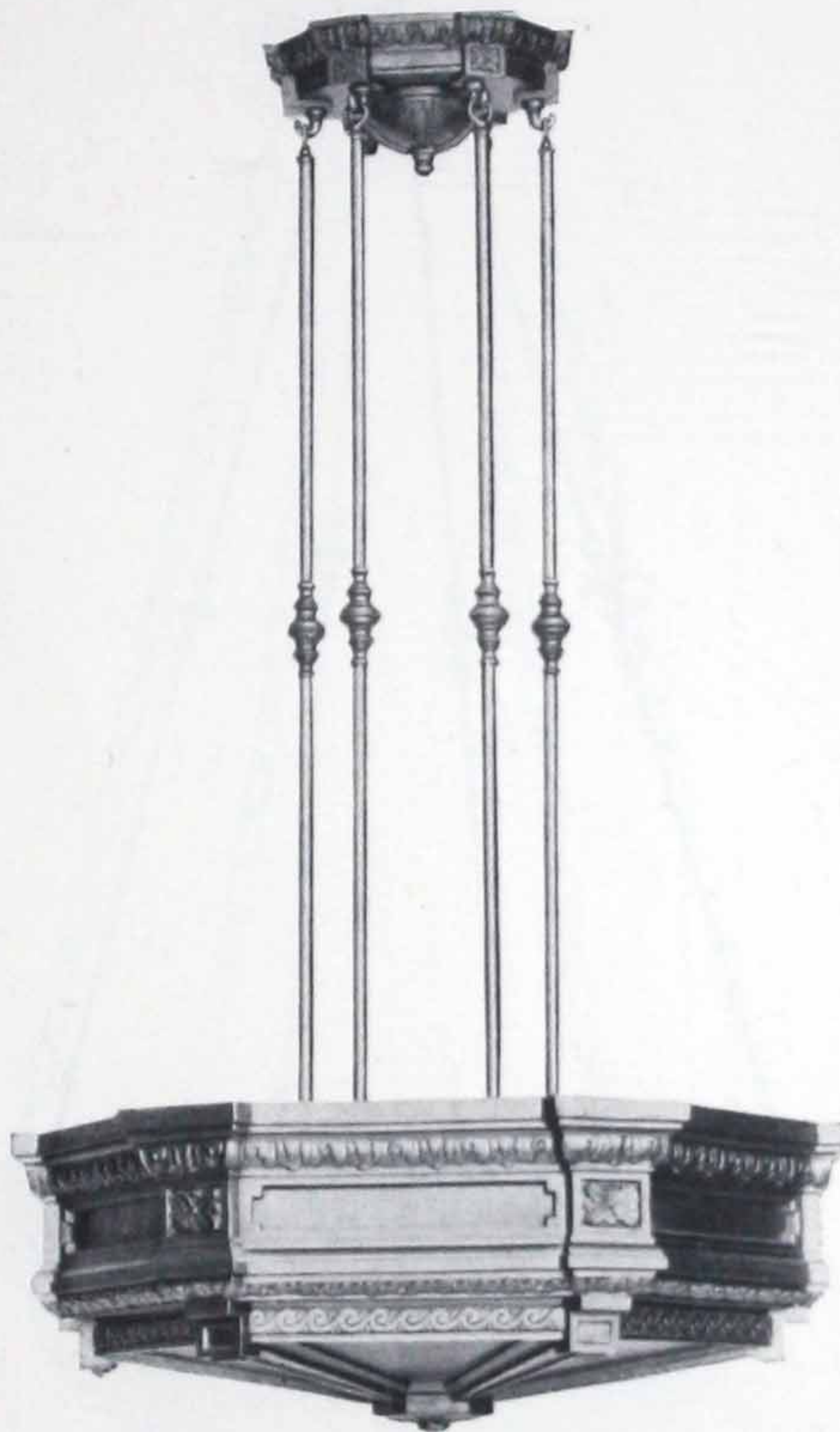
| Diameter 16 inches | | Depth 9 inches | |
|--------------------|-----------------------|------------------|------------|
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| †3242A | 2 | 75 | \$49.75 |
| †3243A | 3 | 75 | 54.00 |
| 3242D | 2 | 100 or 150 | 50.75 |
| Diameter 22 inches | | Depth 13½ inches | |
| †3253A | 3 | 75 | \$63.50 |
| †3254A | 4 | 75 | 67.75 |
| 3253D | 3 | 100 or 150 | 65.00 |
| 3254D | 4 | 100 or 150 | 69.75 |

No. 374 Design—Compone

| Diameter 35½ inches | | Depth 21¼ inches | |
|---------------------|-----------------------|------------------|------------|
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| §374K | 4 | 200 | \$96.00 |
| §375K | 5 | 200 | 102.25 |
| §373L | 3 | 300, 400 or 500 | 105.00 |
| *371E | 1 | 750 or 1000 | 90.25 |
| Diameter 42½ inches | | Depth 24¼ inches | |
| §385K | 5 | 200 | \$125.75 |
| §386K | 6 | 200 | 132.00 |
| §384L | 4 | 300, 400 or 500 | 140.00 |
| §385L | 5 | 300, 400 or 500 | 151.50 |
| §386L | 6 | 300, 400 or 500 | 163.00 |
| *381E | 1 | 750 or 1000 | 113.75 |

No. 1631 Design—Compone

| Diameter 16 inches | | Depth 9 inches | |
|--------------------|-----------------------|------------------|------------|
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| 2092A | 2 | 75 | \$49.75 |
| 2093A | 3 | 75 | 54.00 |
| 2091V | 1 | 100 or 150 | 49.00 |
| 2091W | 1 | 200 | 49.00 |
| Diameter 22 inches | | Depth 13½ inches | |
| 1631W | 1 | 200 | \$60.00 |
| 1631M | 1 | 300, 400 or 500 | 64.75 |
| 1631E | 1 | 750 or 1000 | 69.25 |



No. 3502 Design—Compone

| Diameter 16 inches | | Depth 6 inches | |
|--------------------|-----------------------|-----------------|------------|
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| †3502A | 2 | 75 | \$46.50 |
| †3503A | 3 | 75 | 50.75 |
| 3502D | 2 | 100 or 150 | 47.50 |
| Diameter 18 inches | | Depth 7½ inches | |
| †3513A | 3 | 75 | \$57.75 |
| †3514A | 4 | 75 | 62.00 |
| 3512D | 2 | 100 or 150 | 54.50 |
| 3513D | 3 | 100 or 150 | 59.25 |

Metal Canopy Used

No. 2503 Design—Compone

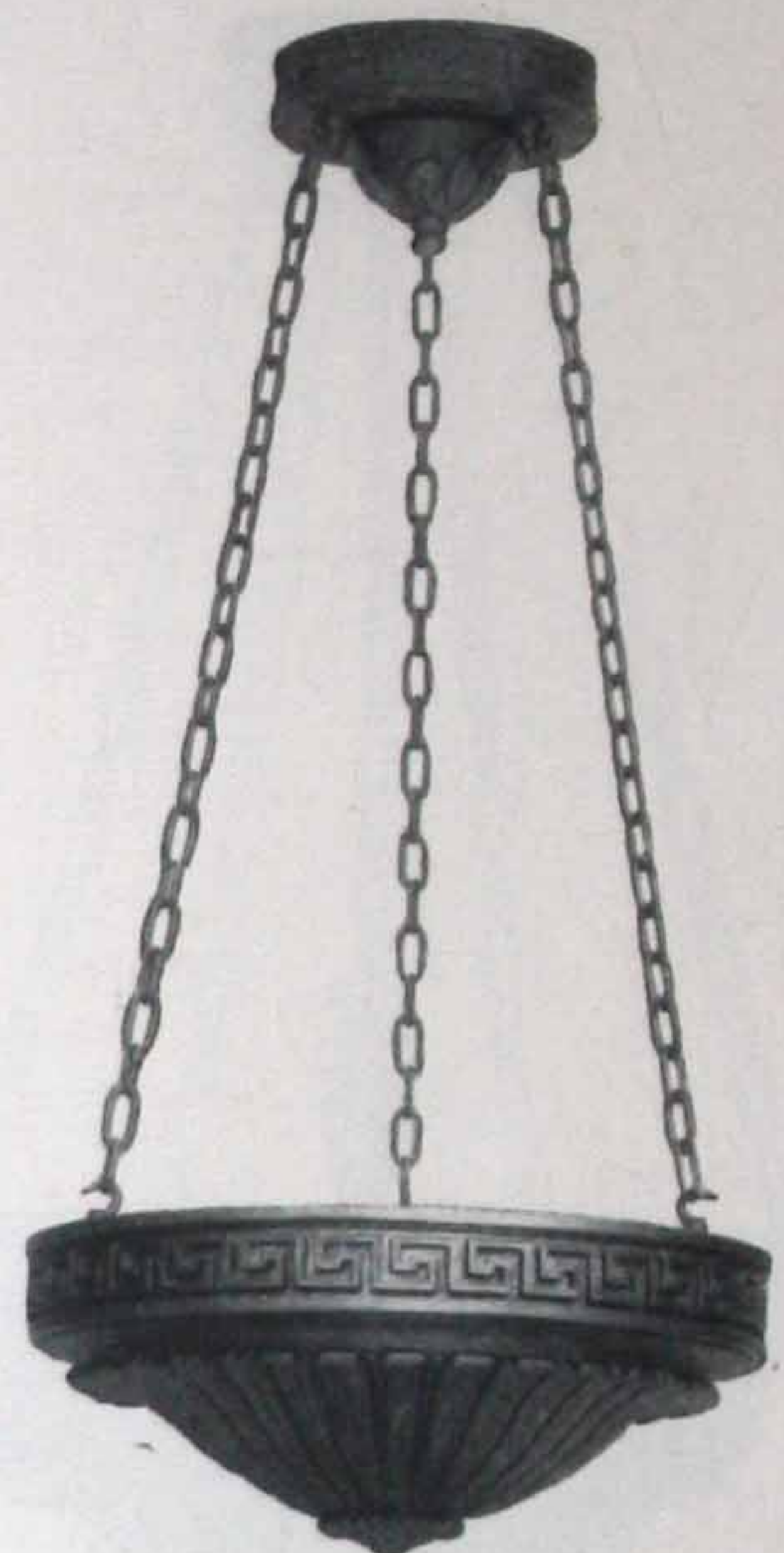
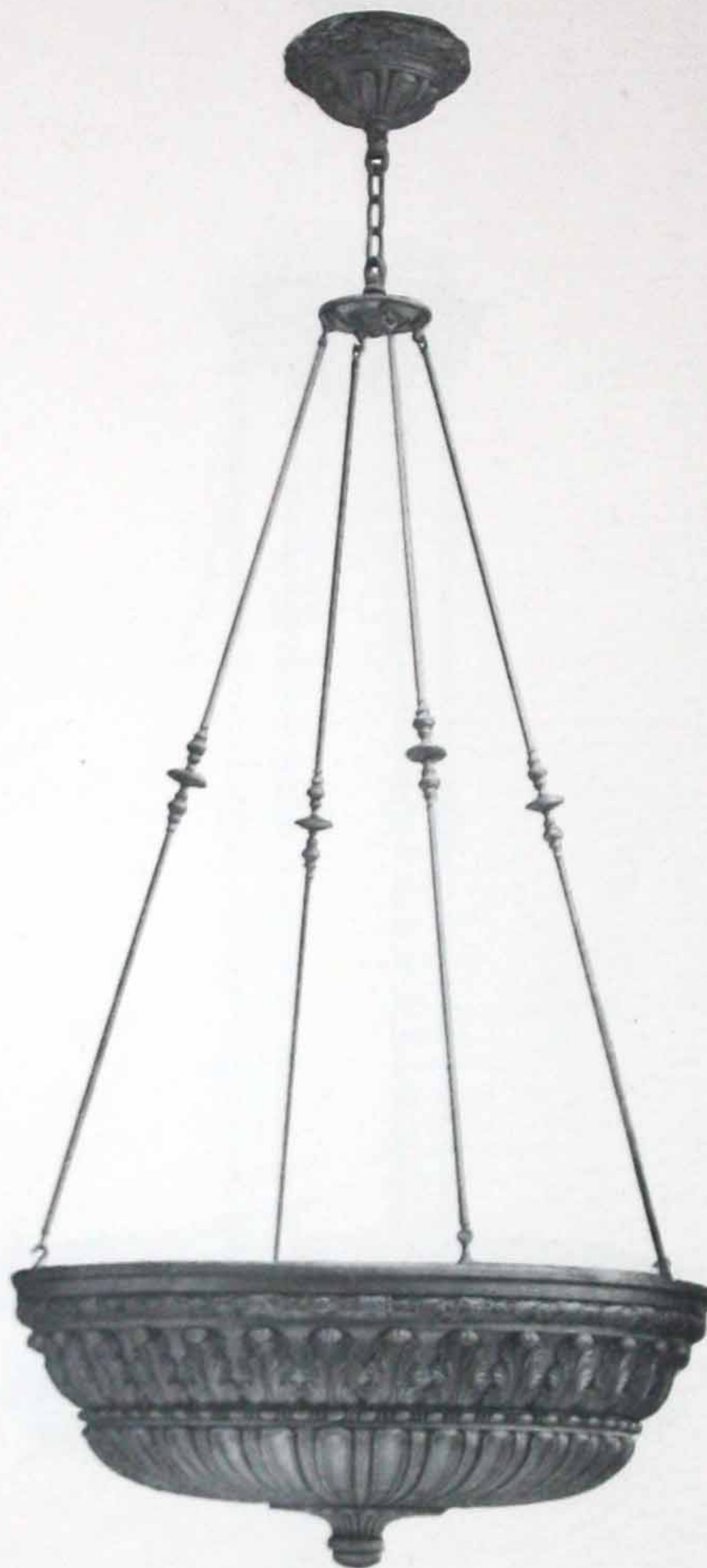
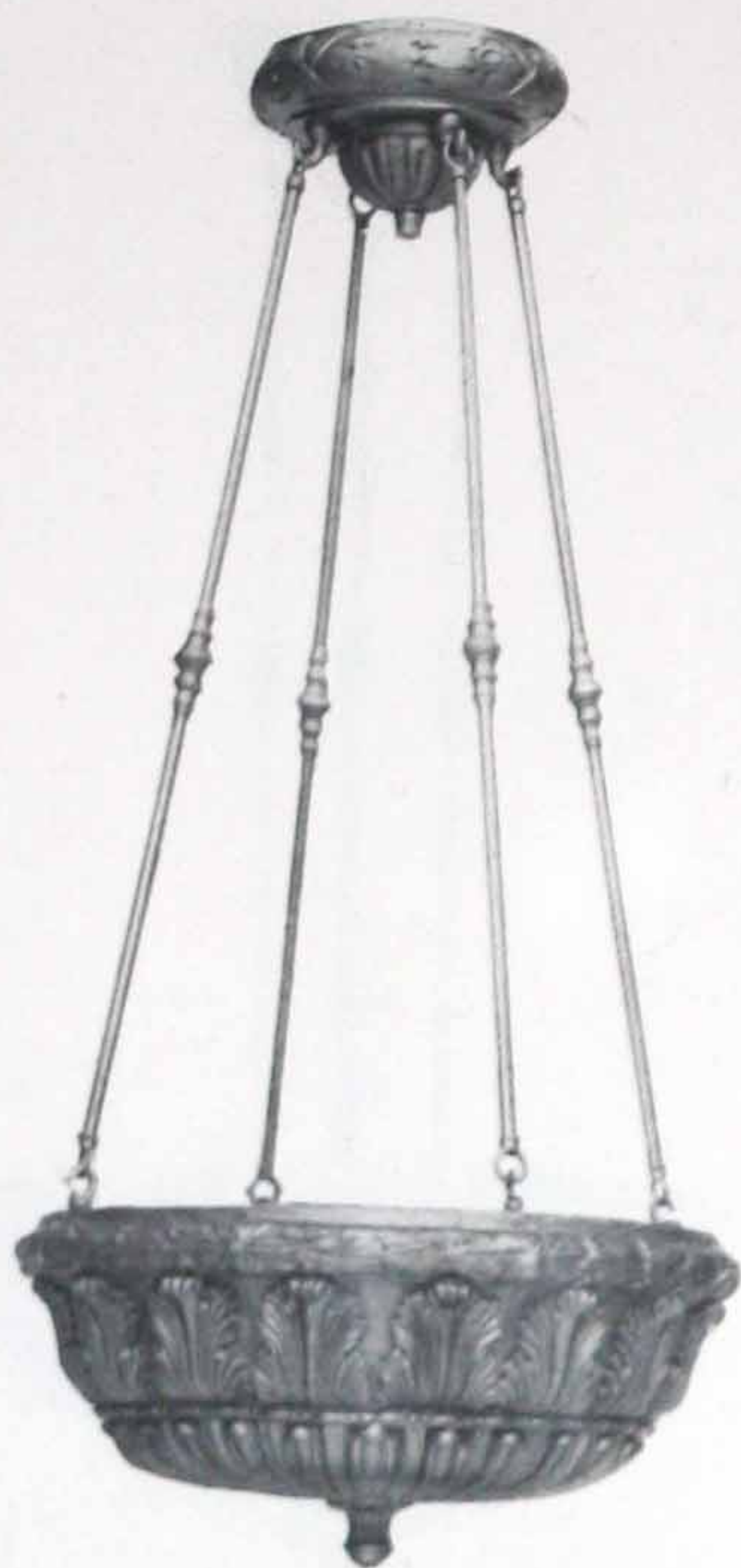
| Diameter 30 inches | | Depth 11 inches | |
|--------------------|-----------------------|-----------------|------------|
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| 2504J | 4 | 100 or 150 | \$108.00 |
| 2505J | 5 | 100 or 150 | 114.25 |
| §2504K | 4 | 200 | 108.00 |
| §2505K | 5 | 200 | 114.25 |
| Diameter 42 inches | | Depth 18 inches | |
| §4133L | 3 | 300, 400 or 500 | \$158.00 |
| §4134L | 4 | 300, 400 or 500 | 169.50 |
| §4135L | 5 | 300, 400 or 500 | 181.00 |
| §4136L | 6 | 300, 400 or 500 | 192.50 |

6-Rod Suspension

No. 3442 Design—Compone

| Diameter 20 inches | | Depth 9 inches | |
|--------------------|-----------------------|----------------|------------|
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| †3442A | 2 | 75 | \$70.75 |
| †3443A | 3 | 75 | 75.00 |
| 3442D | 2 | 100 or 150 | 71.75 |
| 3443D | 3 | 100 or 150 | 76.50 |

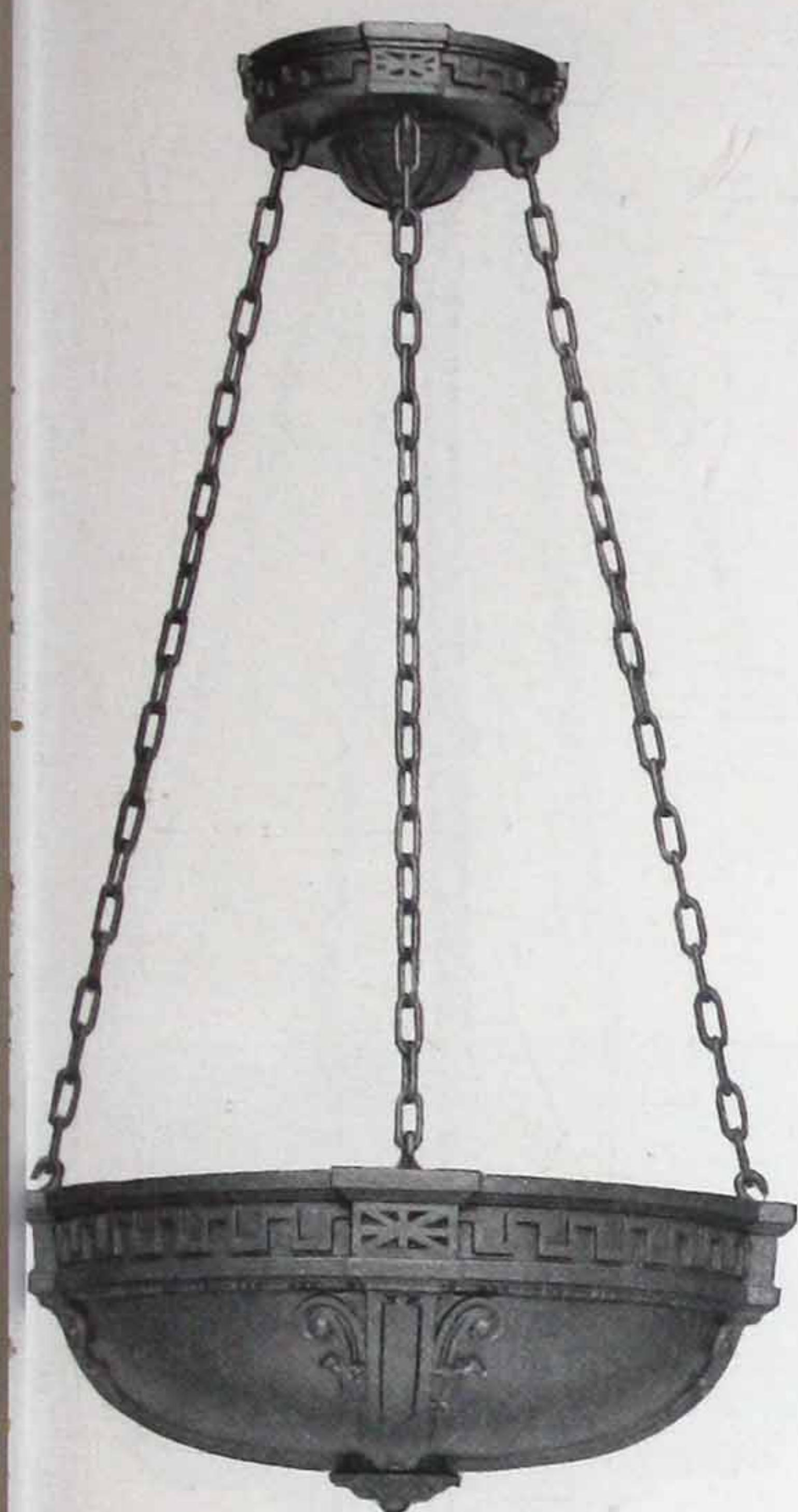
3-Rod Suspension



| No. 2733 Design—Compone | | | | |
|-------------------------|-------------|-----------------|-------|---------|
| Diameter 20 inches | | Depth 8 inches | | |
| Catalog No. | No. of Type | Size in | Price | |
| No. | "C" | Lamps | Watts | Each |
| †2733A | 3 | | 75 | \$70.25 |
| †2734A | 4 | | 75 | 74.50 |
| 2732D | 2 | 100 or 150 | | 67.00 |
| 2733D | 3 | 100 or 150 | | 71.75 |
| *2731W | 1 | 200 | | 65.25 |
| *2731M | 1 | 300, 400 or 500 | | 70.00 |

| No. 2723 Design—Compone | | | | |
|-------------------------|-------------|-----------------|-------|----------|
| Diameter 42 inches | | Depth 18 inches | | |
| Catalog No. | No. of Type | Size in | Price | |
| No. | "C" | Lamps | Watts | Each |
| §4153L | 3 | 300, 400 or 500 | | \$155.00 |
| §4154L | 4 | 300, 400 or 500 | | 166.50 |
| §4155L | 7 | 300, 400 or 500 | | 178.00 |
| Diameter 54 inches | | Depth 24 inches | | |
| §2725L | 5 | 300, 400 or 500 | | \$275.00 |
| §2726L | 6 | 300, 400 or 500 | | 286.50 |
| §2727L | 7 | 300, 400 or 500 | | 298.00 |
| 4-Rod Suspension | | | | |

| No. 1622 Design—Compone | | | | |
|-----------------------------------|-------------|-----------------|-------|---------|
| Diameter 16 inches | | Depth 6 inches | | |
| Catalog No. | No. of Type | Size in | Price | |
| No. | "C" | Lamps | Watts | Each |
| †1622A | 2 | | 75 | \$47.25 |
| †1623A | 3 | | 75 | 51.50 |
| 1621D | 1 | 100 or 150 | | 42.75 |
| §1621F | 1 | 200 | | 43.25 |
| 1622D | 2 | 100 or 150 | | 48.25 |
| *1621W | 1 | 200 | | 46.50 |
| Above Bowl has 3-Chain Suspension | | | | |
| Diameter 18 inches | | Depth 7½ inches | | |
| †2013A | 3 | | 75 | \$59.50 |
| †2014A | 4 | | 75 | 63.75 |
| 2012D | 2 | 100 or 150 | | 56.25 |
| 2013D | 3 | 100 or 150 | | 61.00 |
| *2011W | 1 | 200 | | 54.50 |
| *2011M | 1 | 300, 400 or 500 | | 59.25 |
| 4-Chain Suspension | | | | |



No. 2102 Design—Compone

| Diameter 16 inches | | Depth 8 inches | |
|--------------------|-----------------------|-----------------|------------|
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| †2102A | 2 | 75 | \$50.50 |
| †2103A | 3 | 75 | 54.75 |
| 2102D | 2 | 100 or 150 | 51.50 |
| *2101V | 1 | 100 or 150 | 49.75 |
| *2101W | 1 | 200 | 49.75 |
| Diameter 23 inches | | Depth 9 inches | |
| 3362D | 2 | 100 or 150 | \$63.75 |
| 3363D | 3 | 100 or 150 | 68.50 |
| 3364D | 4 | 100 or 150 | 73.25 |
| *3361W | 1 | 200 | 62.00 |
| *3361M | 1 | 300, 400 or 500 | 66.75 |

4-Chain Suspension

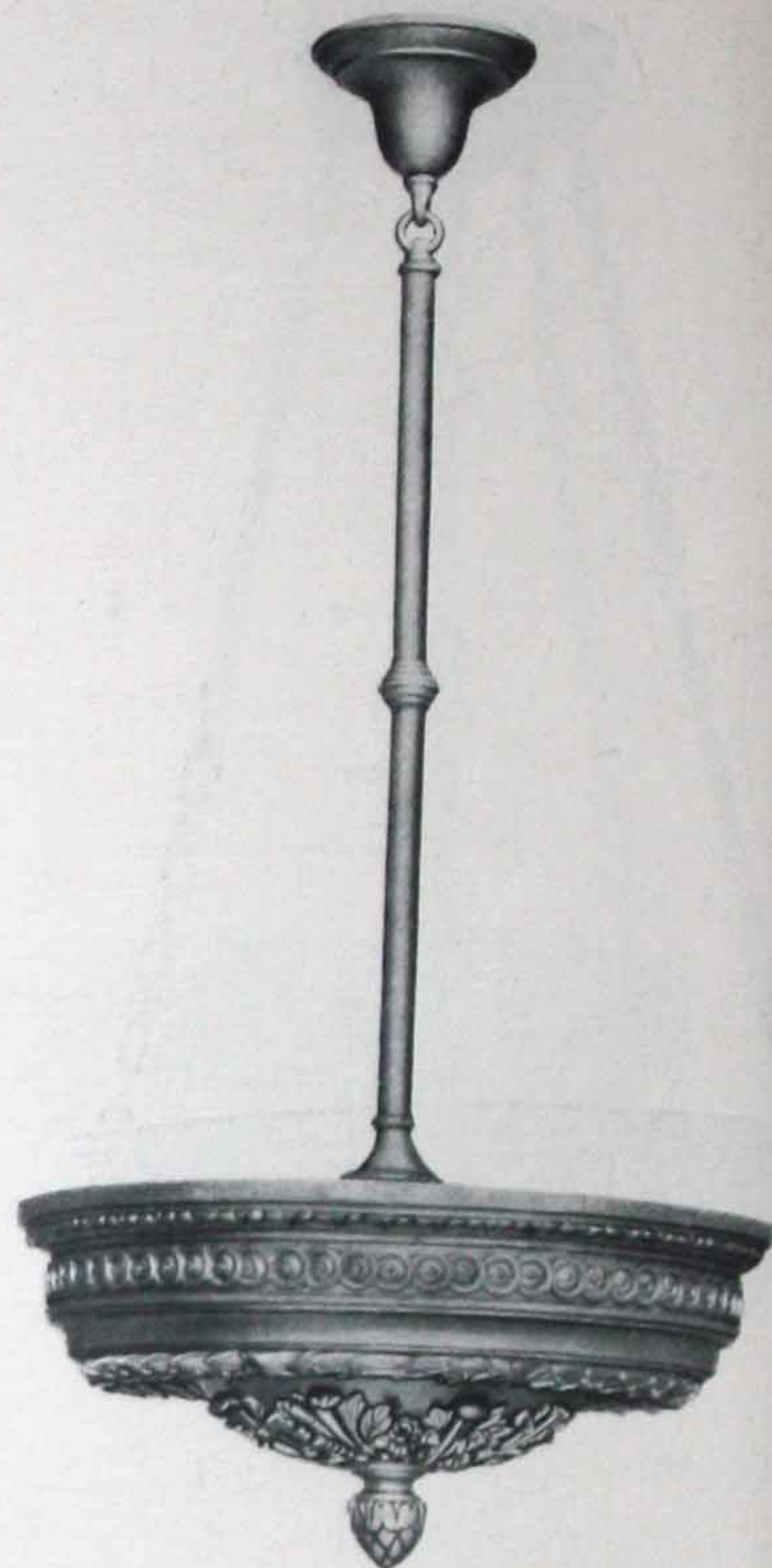
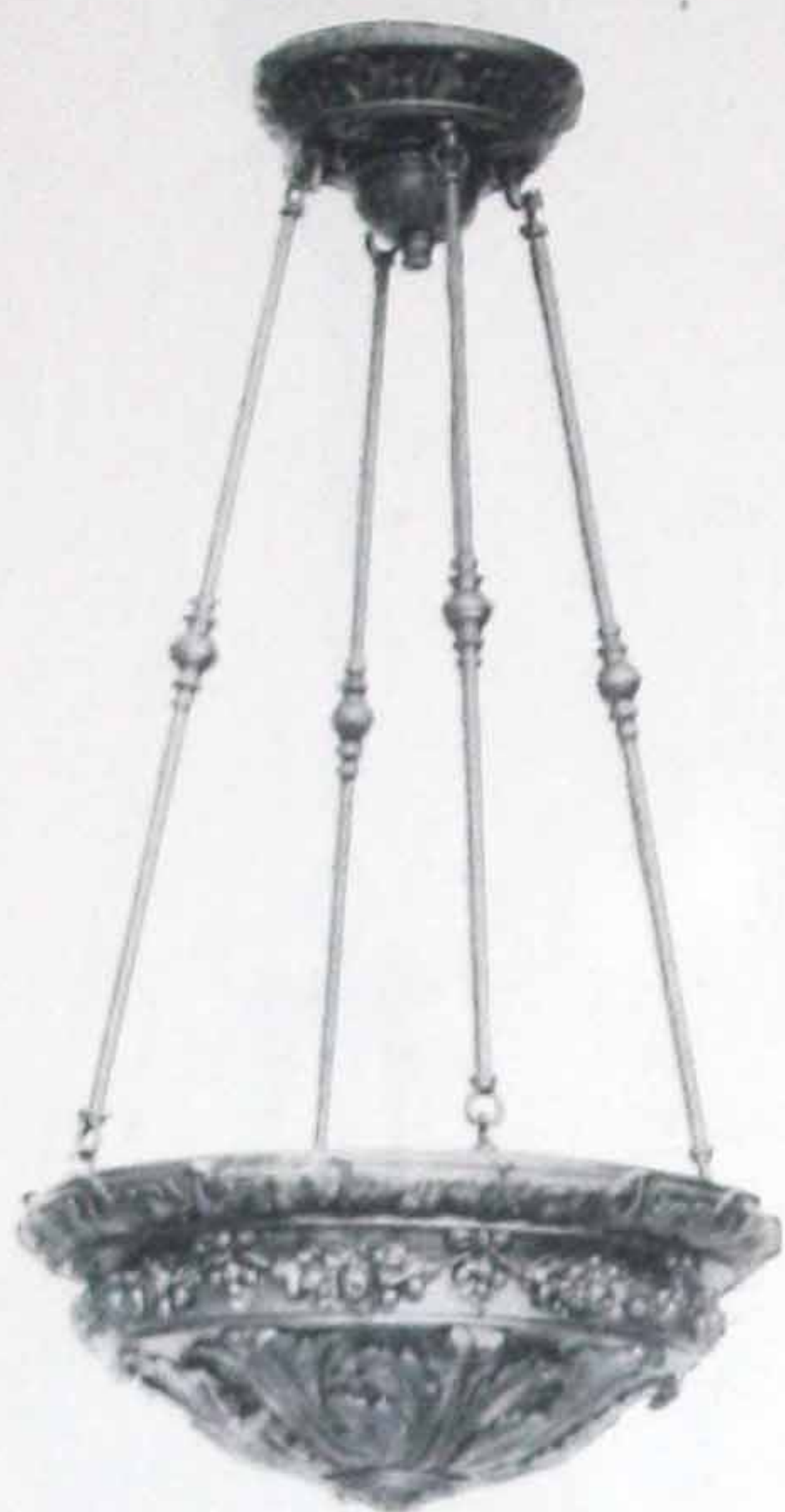
No. 1824 Design—Compone

| Diameter 30 inches | | Depth 12 inches | |
|--------------------|-----------------------|-----------------|------------|
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| 1824J | 4 | 100 or 150 | \$93.50 |
| 1825J | 5 | 100 or 150 | 99.75 |
| §1824K | 4 | 200 | 93.50 |
| §1825K | 5 | 200 | 99.75 |
| *1821M | 1 | 300, 400 or 500 | 83.25 |
| *1821E | 1 | 750 or 1000 | 87.75 |
| Diameter 42 inches | | Depth 18 inches | |
| §3373L | 3 | 300, 400 or 500 | \$143.50 |
| §3374L | 4 | 300, 400 or 500 | 155.00 |
| §3375L | 5 | 300, 400 or 500 | 166.50 |
| §3376L | 6 | 300, 400 or 500 | 178.00 |
| *3371E | 1 | 750 or 1000 | 128.75 |

6-Chain Suspension

No. 4142 Design—Compone

| Diameter 22 inches | | Depth 9½ inches | |
|--------------------|-----------------------|-----------------|------------|
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| 4142D | 2 | 100 or 150 | \$78.00 |
| 4143D | 3 | 100 or 150 | 82.75 |
| 4144D | 4 | 100 or 150 | 87.50 |



No. 1742 Design—Compone

| Diameter 17 inches | | Depth 6½ inches | | |
|--------------------|-------------|-----------------|---------|--|
| Catalog No. | No. of Type | Size in | Price | |
| No. | "C" Lamps | Watts | Each | |
| †1742A | 2 | 75 | \$61.75 | |
| †1743A | 3 | 75 | 66.00 | |
| 1741D | 1 | 100 or 150 | 57.25 | |
| 1742D | 2 | 100 or 150 | 62.75 | |
| *1741V | 1 | 100 or 150 | 61.00 | |
| *1741W | 1 | 200 | 61.00 | |

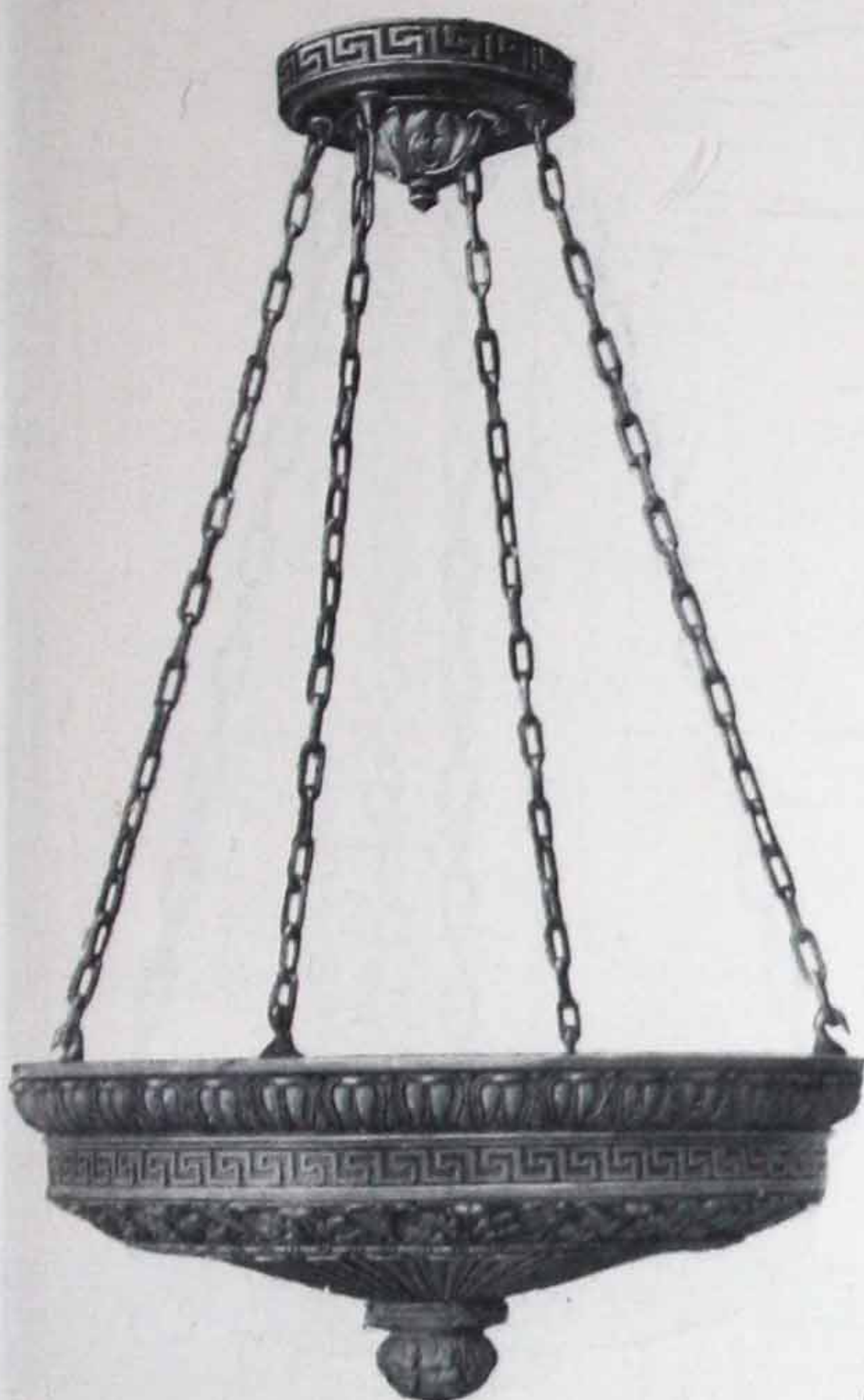
No. 2904 Design—Compone

| Diameter 30 inches | | Depth 12 inches | | |
|--------------------|-------------|-----------------|---------|--|
| Catalog No. | No. of Type | Size in | Price | |
| No. | "C" Lamps | Watts | Each | |
| 2904J | 4 | 100 or 150 | \$94.00 | |
| 2905J | 5 | 100 or 150 | 10.25 | |
| §2904K | 4 | 200 | 94.00 | |
| §2905K | 5 | 200 | 100.25 | |

4-Chain Suspension

No. 4162 Design—Compone

| Diameter 22 inches | | Depth 9½ inches | | |
|--------------------|-------------|-----------------|---------|--|
| Catalog No. | No. of Type | Size in | Price | |
| No. | "C" Lamps | Watts | Each | |
| 4162D | 2 | 100 or 150 | \$55.00 | |
| 4163D | 3 | 100 or 150 | 59.75 | |
| 4164D | 4 | 100 or 150 | 64.50 | |



No. 524 Design—Compone

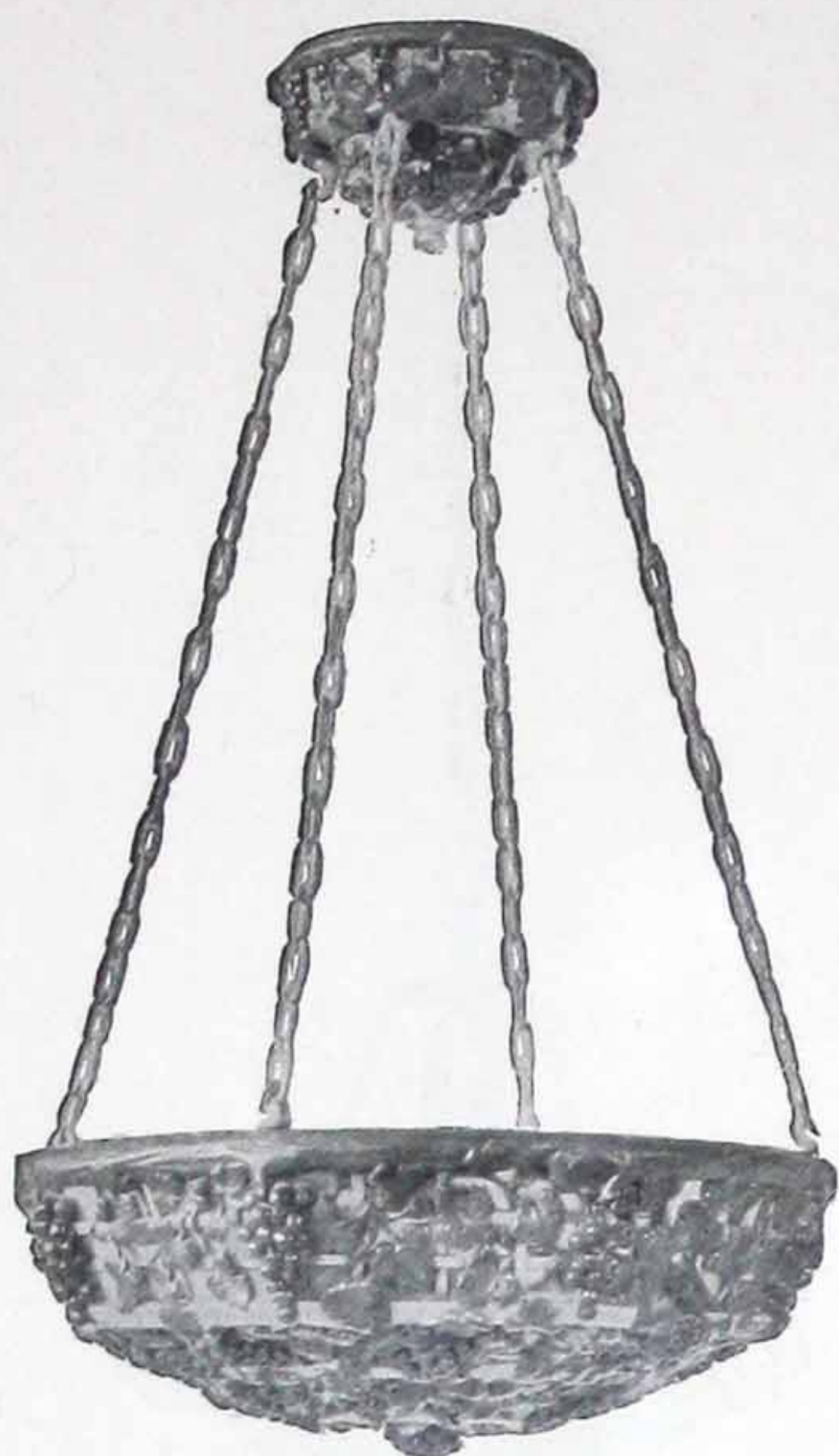
| Diameter 24 inches | | | Depth 8 inches |
|--------------------|-------------|-------------------|----------------|
| Catalog No. | No. of Type | Size in "C" Lamps | Price Each |
| †524A | 4 | 75 | \$71.00 |
| †525A | 5 | 75 | 75.25 |
| 523D | 3 | 100 or 150 | 68.25 |
| 524D | 4 | 100 or 150 | 73.00 |
| *521W | 1 | 200 | 61.75 |
| *521M | 1 | 300, 400 or 500 | 66.50 |

No. 534 Design—Compone

| Diameter 30 inches | | | Depth 16 inches |
|--------------------|-------------|-------------------|-----------------|
| Catalog No. | No. of Type | Size in "C" Lamps | Price Each |
| 534J | 4 | 100 or 150 | \$86.75 |
| 535J | 5 | 100 or 150 | 93.00 |
| §534K | 4 | 200 | 86.75 |
| §535K | 5 | 200 | 93.00 |
| *531M | 1 | 300, 400 or 500 | 76.50 |
| *531E | 1 | 750 or 1000 | 81.00 |
| Diameter 34 inches | | | Depth 16 inches |
| §545K | 5 | 200 | \$96.00 |
| §546K | 6 | 200 | 102.25 |
| *541E | 1 | 750 or 1000 | 84.00 |

No. 2021 Design—Compone

| Diameter 16 inches | | | Depth 6 inches |
|--------------------|-------------|-------------------|------------------|
| Catalog No. | No. of Type | Size in "C" Lamps | Price Each |
| 2541V | 1 | 100 or 150 | \$37.50 |
| 2541W | 1 | 200 | 37.50 |
| 2541M | 1 | 300, 400 or 500 | 42.25 |
| Diameter 18 inches | | | Depth 7 ½ inches |
| 2021W | 1 | 200 | \$44.50 |
| 2021M | 1 | 300, 400 or 500 | 49.25 |
| Metal Canopy used | | | |



No. 933 Design—Compone

| Diameter 22½ inches | | Depth 6 inches | |
|---------------------|-----------------------|----------------|------------|
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| †933A | 3 | 75 | \$70.00 |
| †934A | 4 | 75 | 74.25 |
| 932D | 2 | 100 or 150 | 66.75 |
| 933D | 3 | 100 or 150 | 71.50 |

Add 40% for the following finishes:
 (A) Butlers Silver with Burnished high lights.
 (B) Old Venetian Gold with Grapes high lighted.
 (C) Natural Colors.

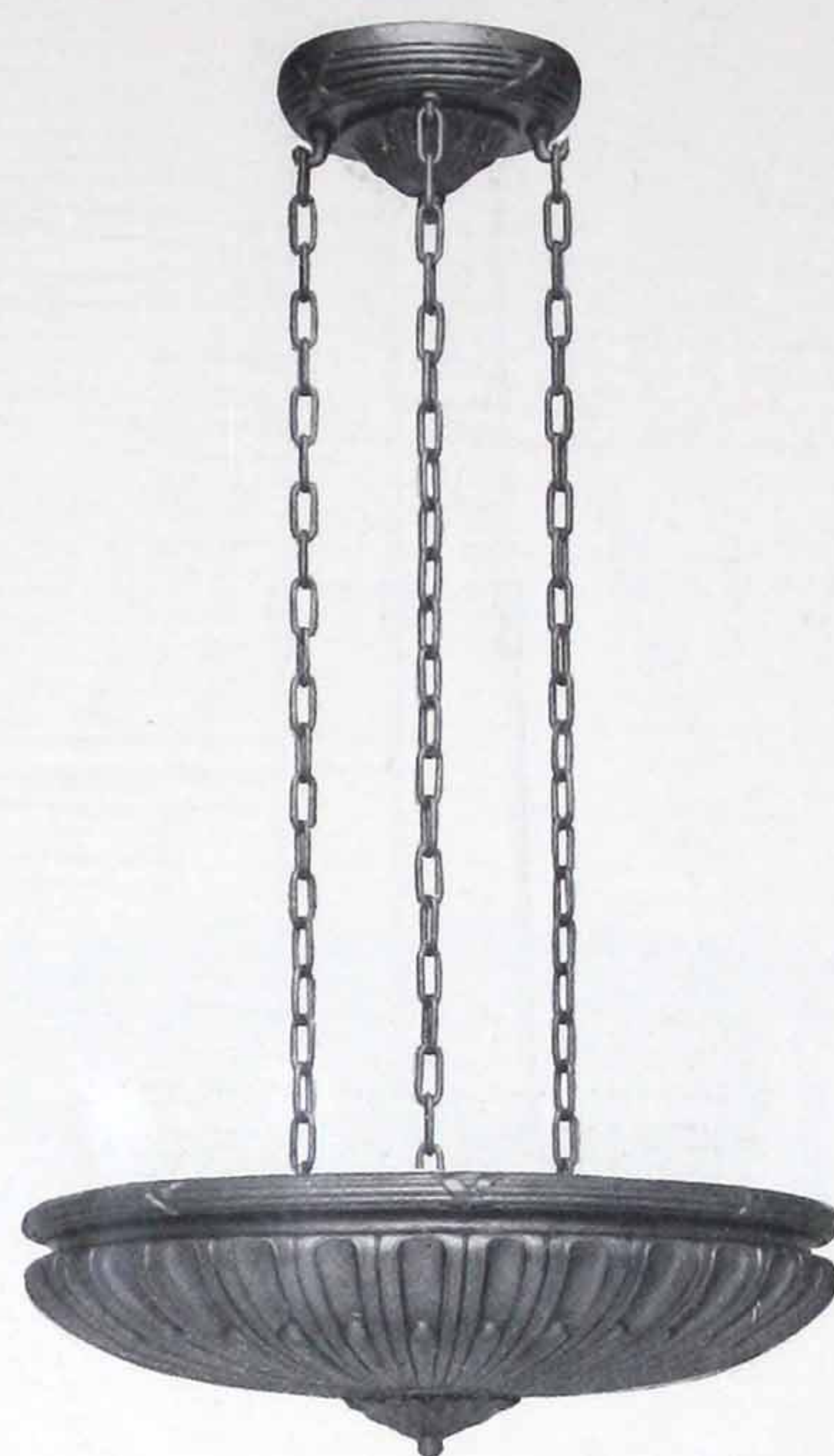
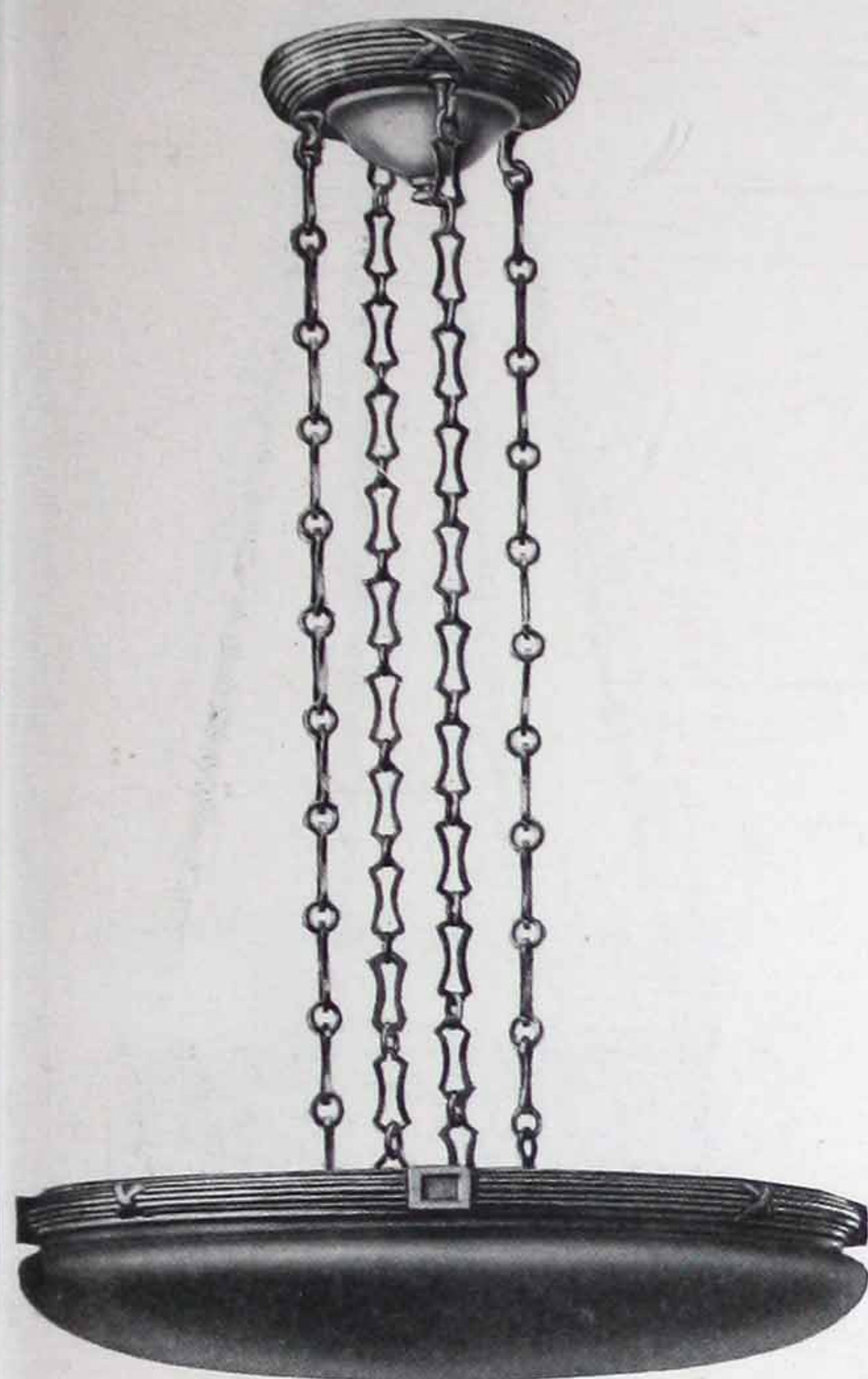
No. 1304 Design—Compone

| Diameter 34 inches | | Depth 16 inches | |
|--------------------|-----------------------|-----------------|------------|
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| 1304J | 4 | 100 or 150 | \$89.50 |
| 1305J | 5 | 100 or 150 | 95.75 |
| 1306J | 6 | 100 or 150 | 102.00 |
| §1304K | 4 | 200 | 89.50 |
| §1305K | 5 | 200 | 95.75 |
| §1306K | 6 | 200 | 102.00 |
| *1301E | 1 | 750 or 1000 | 83.75 |

No. 1353 Design—Compone

| Diameter 24 inches | | Depth 9¼ inches | |
|--------------------|-----------------------|-----------------|------------|
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| 1353D | 3 | 100 or 150 | \$67.50 |
| 1354D | 4 | 100 or 150 | 72.25 |
| 1355D | 5 | 100 or 150 | 77.00 |
| *1351W | 1 | 200 | 61.00 |
| *1351M | 1 | 300, 400 or 500 | 65.75 |

4-Chain Suspension



No. 643 Design—Compone

| Diameter 18 inches | | | Depth 5 inches |
|--------------------|-----------------------|---------------|----------------|
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| †1862A | 2 | 75 | \$61.50 |
| †1863A | 3 | 75 | 65.75 |
| 1862D | 2 | 100 or 150 | 62.50 |
| Diameter 24 inches | | | Depth 5 inches |
| †643A | 3 | 75 | \$74.25 |
| †644A | 4 | 75 | 78.50 |
| †645A | 5 | 75 | 82.75 |
| 643D | 3 | 100 or 150 | 75.75 |
| 644D | 4 | 100 or 150 | 80.50 |

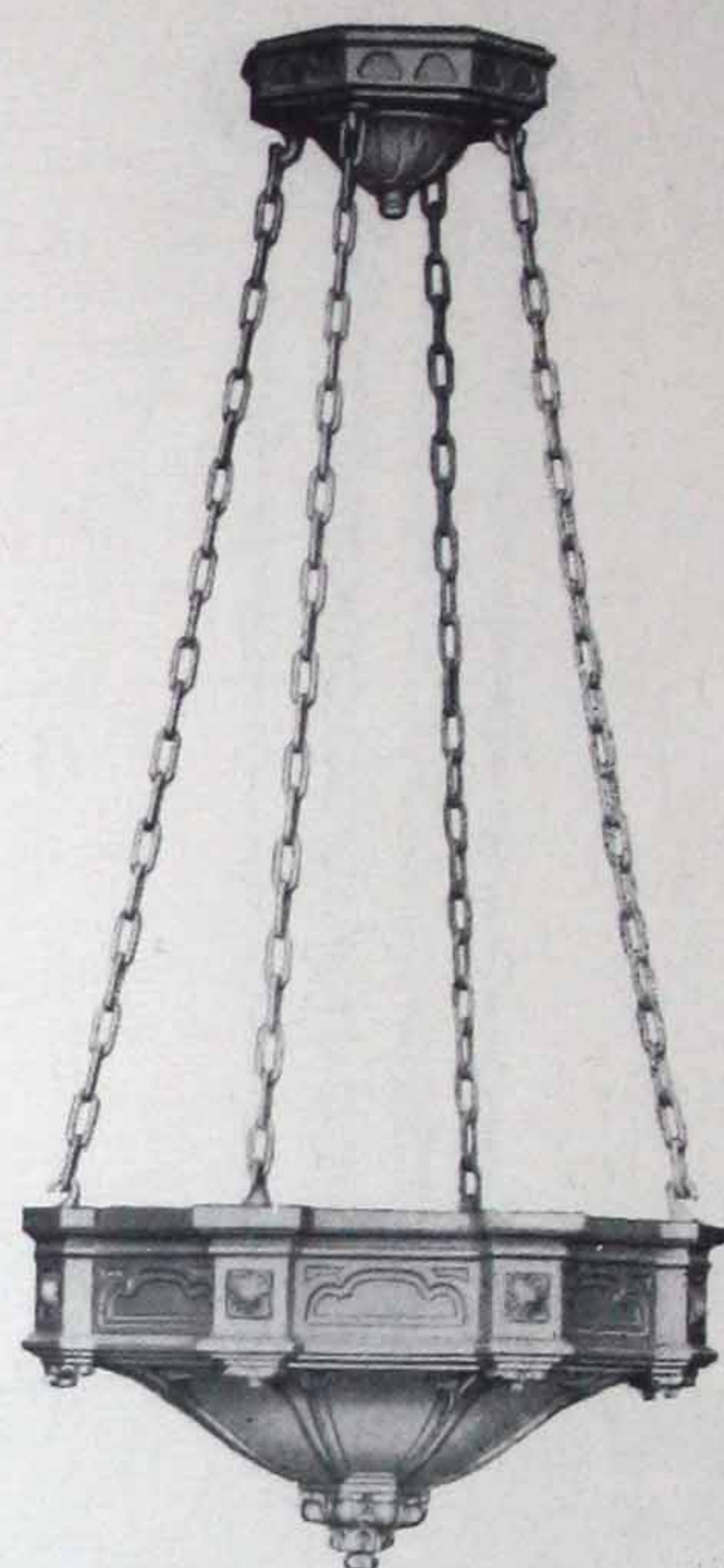
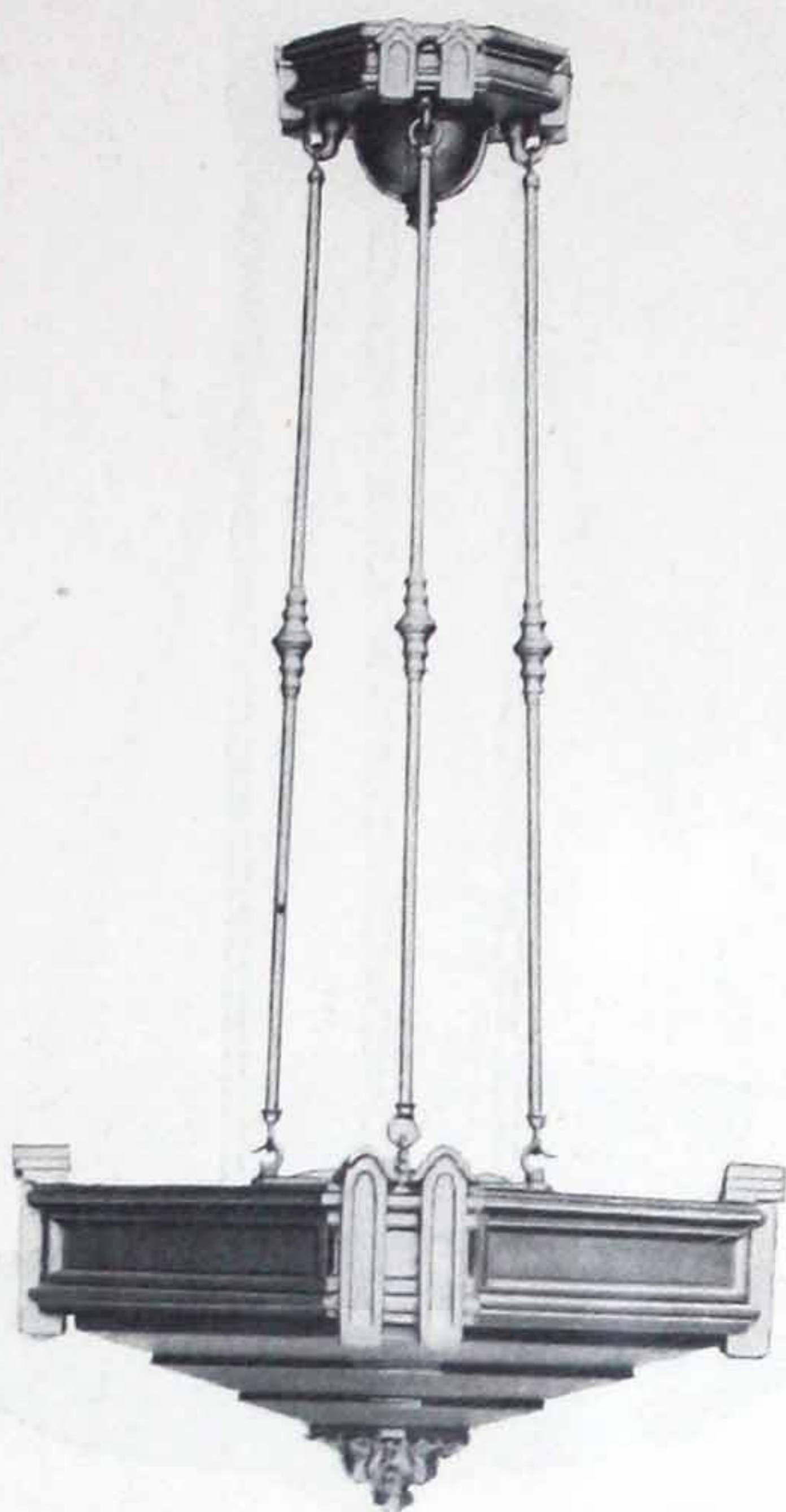
No. 454 Design—Compone

| Diameter 26 3/4 inches | | | Depth 11 3/4 inches |
|------------------------|-----------------------|-----------------|---------------------|
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| 443J | 3 | 100 or 150 | \$78.00 |
| §443K | 3 | 200 | 78.00 |
| *441M | 1 | 300, 400 or 500 | 74.00 |
| *441E | 1 | 750 or 1000 | 78.50 |
| Diameter 30 1/4 inches | | | Depth 14 1/2 inches |
| 454J | 4 | 100 or 150 | \$85.00 |
| 455J | 5 | 100 or 150 | 91.25 |
| §454K | 4 | 200 | 85.00 |
| *451M | 1 | 300, 400 or 500 | 74.75 |
| *451E | 1 | 750 or 1000 | 79.25 |
| Diameter 42 inches | | | Depth 18 inches |
| §463L | 3 | 300, 400 or 500 | \$134.00 |
| §464L | 4 | 300, 400 or 500 | 145.50 |
| §465L | 5 | 300, 400 or 500 | 157.00 |

No. 3382 Design—Compone

| Diameter 19 inches | | | Depth 5 1/4 inches |
|------------------------|-----------------------|---------------|--------------------|
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| †3382A | 2 | 75 | \$55.50 |
| †3383A | 3 | 75 | 59.75 |
| 3382D | 2 | 100 or 150 | 56.50 |
| Diameter 22 1/2 inches | | | Depth 5 3/4 inches |
| †3393A | 3 | 75 | \$68.50 |
| †3394A | 4 | 75 | 72.75 |
| 3392D | 2 | 100 or 150 | 65.25 |
| 3393D | 3 | 100 or 150 | 70.00 |

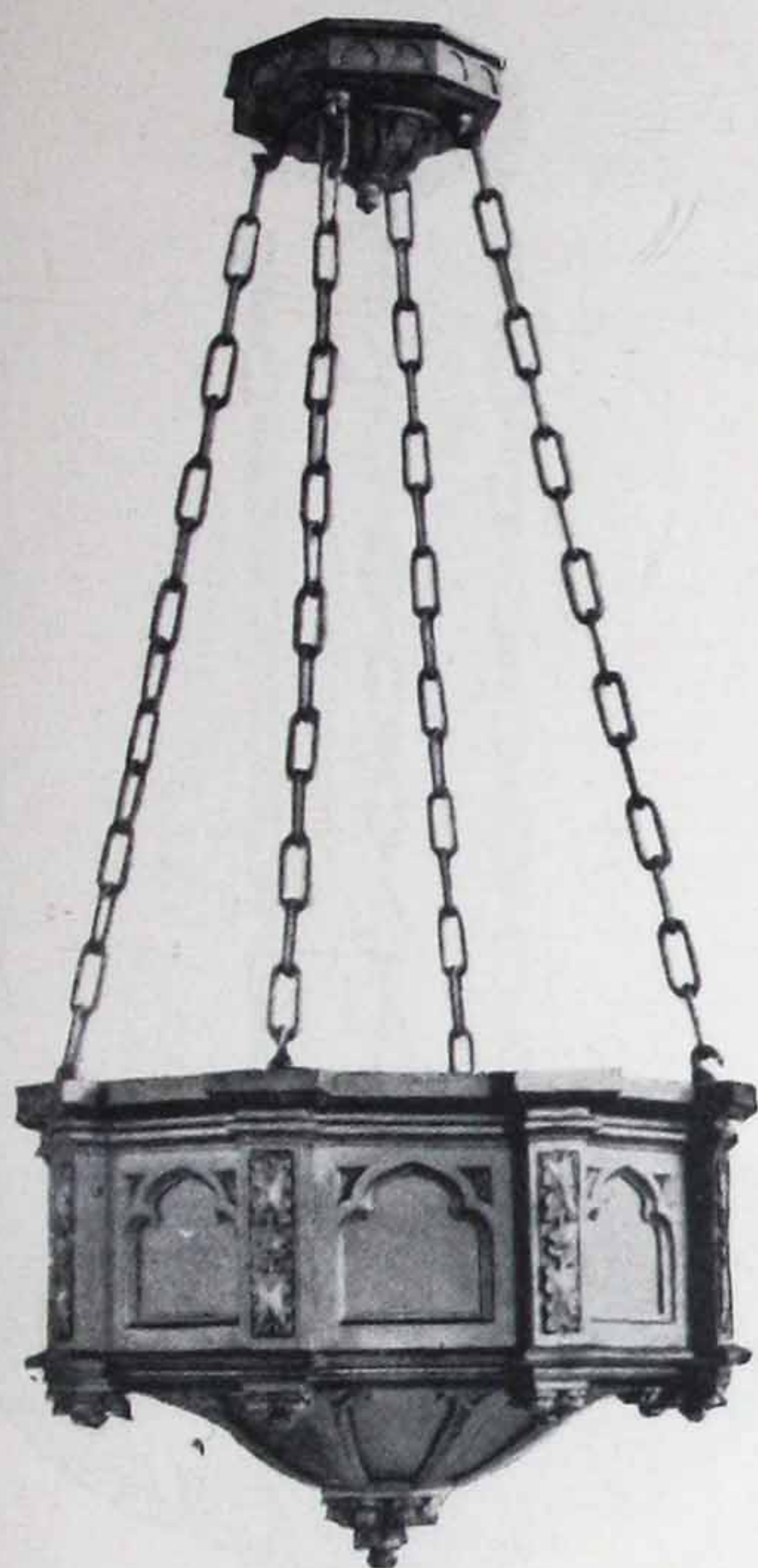
4-Chain Suspension



| No. 4172 Design—Compone | | | |
|-------------------------|-----------------------|--------------------|------------|
| Diameter 20 inches | | Depth 7 1/4 inches | |
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| 4172A | 2 | 75 | \$80.50 |
| 4173A | 3 | 75 | 84.75 |
| 4172D | 2 | 100 or 150 | 81.50 |
| 4173D | 3 | 100 or 150 | 86.25 |
| 4-Rod Suspension | | | |

| No. 3853 Design—Compone | | | |
|-------------------------|-----------------------|-----------------|------------|
| Diameter 22 inches | | Depth 22 inches | |
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| 3853A | 3 | 75 | \$115.00 |
| 3853D | 3 | 100 or 150 | 116.50 |
| Diameter 36 inches | | Depth 36 inches | |
| §3824K | 4 | 200 | \$177.50 |
| §3825K | 5 | 200 | 183.75 |
| §3823L | 3 | 300, 400 or 500 | 186.50 |

| No. 1042 Design—Compone | | | |
|-------------------------|-----------------------|-----------------|------------|
| Diameter 20 inches | | Depth 10 inches | |
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| †1042A | 2 | 75 | \$63.00 |
| †1043A | 3 | 75 | 67.25 |
| †1044A | 4 | 75 | 71.50 |
| 1042D | 2 | 100 or 150 | 64.00 |
| 1043D | 3 | 100 or 150 | 68.75 |
| *1041W | 1 | 200 | 62.25 |
| *1041M | 1 | 300, 400 or 500 | 67.00 |



No. 571 Design—Compone

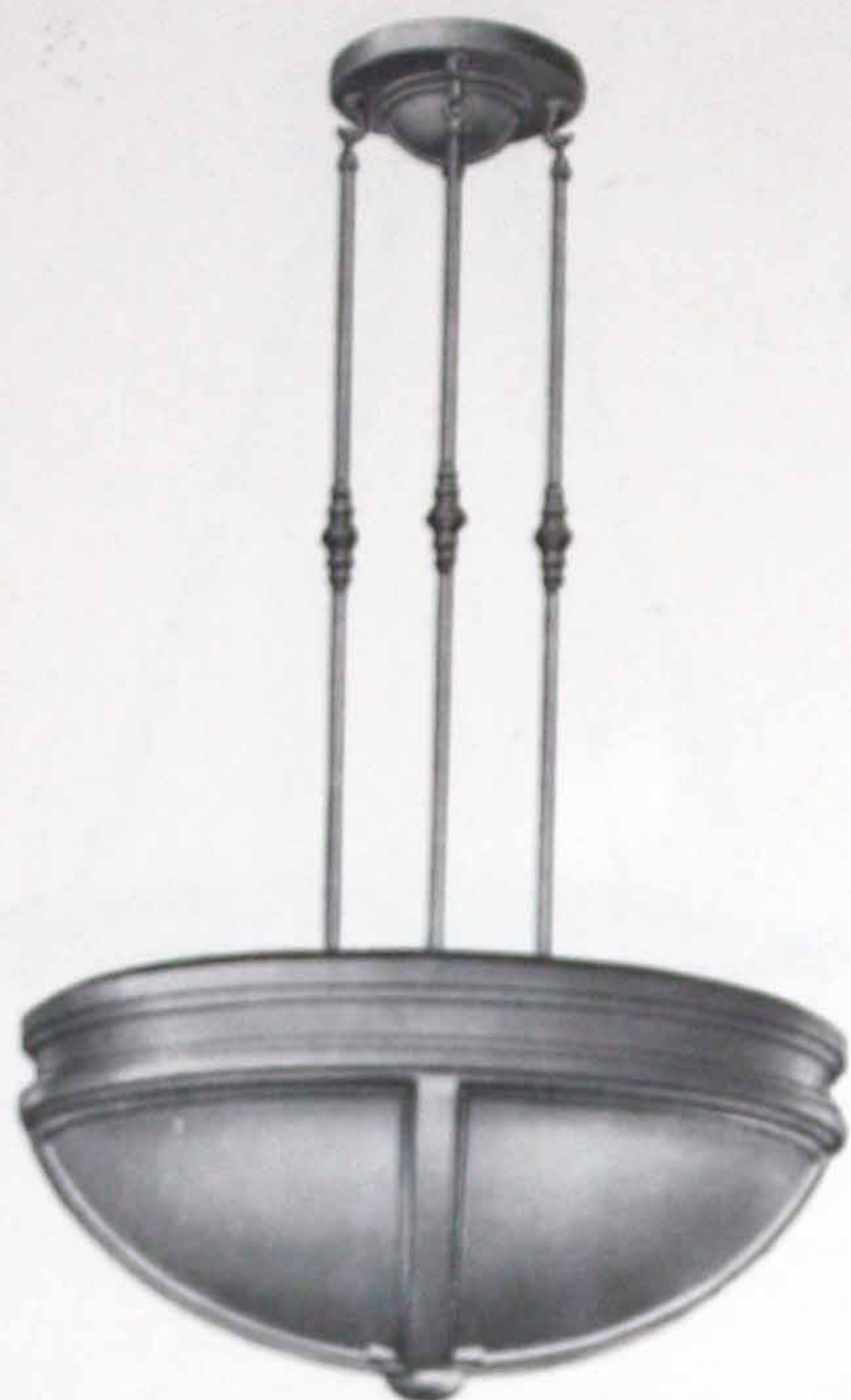
| Diameter 16 inches | | Depth 13 $\frac{3}{8}$ inches | |
|--------------------|-----------------------|-------------------------------|------------|
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| 571J | 1 | 100 or 150 | \$53.50 |
| §571K | 1 | 200 | 53.50 |
| *571W | 1 | 200 | 56.50 |
| Diameter 23 inches | | Depth 15 inches | |
| *1461W | 1 | 200 | \$66.50 |
| *1461M | 1 | 300, 400 or 500 | 71.25 |

No. 614 Design—Compone

| Diameter 60 inches | | Depth 19 inches | |
|--------------------|-----------------------|-----------------|------------|
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| §614L | 4 | 300, 400 or 500 | \$267.50 |
| §615L | 5 | 300, 400 or 500 | 279.00 |
| §616L | 6 | 300, 400 or 500 | 290.50 |
| §617L | 7 | 300, 400 or 500 | 302.00 |

No. 594 Design—Compone

| Diameter 32 inches | | Depth 14 inches | |
|--------------------|-----------------------|-----------------|------------|
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| 594J | 4 | 100 or 150 | \$105.50 |
| 595J | 5 | 100 or 150 | 111.75 |
| §594K | 4 | 200 | 105.50 |
| §595K | 5 | 200 | 111.75 |
| *591M | 1 | 300, 400 or 500 | 95.25 |
| *591E | 1 | 750 or 1000 | 99.75 |
| Diameter 40 inches | | Depth 15 inches | |
| §605K | 5 | 200 | \$124.25 |
| §606K | 6 | 200 | 130.50 |
| §603L | 3 | 300, 400 or 500 | 127.00 |
| §604L | 4 | 300, 400 or 500 | 138.50 |
| *601E | 1 | 750 or 1000 | 112.25 |



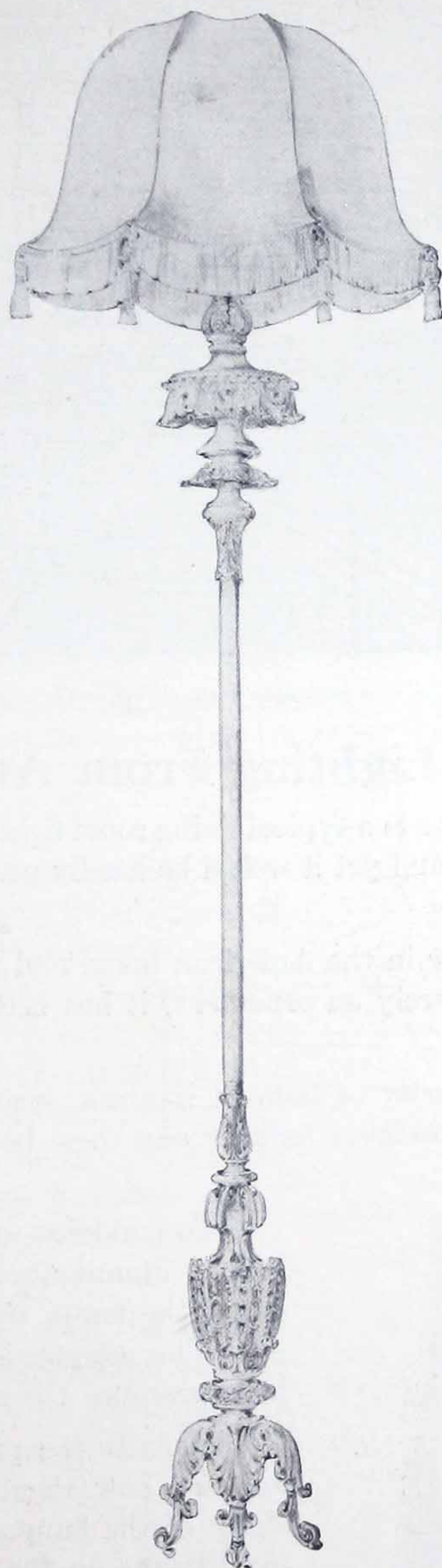
| No. 4183 Design—Compone | | | |
|-------------------------|-------------|-------------------------|------------|
| Diameter 25 inches | | Depth 12 1/4 inches | |
| Catalog No. | No. of Type | Size in "C" Lamps Walls | Price Each |
| 4183D | 3 | 100 or 150 | \$74.75 |
| 4184D | 4 | 100 or 150 | 79.50 |
| Diameter 31 inches | | Depth 15 inches | |
| 4194J | 4 | 100 or 150 | \$89.00 |
| 4195J | 5 | 100 or 150 | 95.25 |
| 4194K | 4 | 200 | 90.00 |
| 4195K | 5 | 200 | 95.25 |
| 4-Rod Suspension | | | |

| No. 4204 Design—Compone | | | |
|-------------------------|-------------|-------------------------|------------|
| Diameter 30 inches | | Depth 16 inches | |
| Catalog No. | No. of Type | Size in "C" Lamps Walls | Price Each |
| 4204J | 4 | 100 or 150 | \$82.50 |
| 4205J | 5 | 100 or 150 | 88.75 |
| 4204K | 4 | 200 | 82.50 |
| 4205K | 5 | 200 | 88.75 |

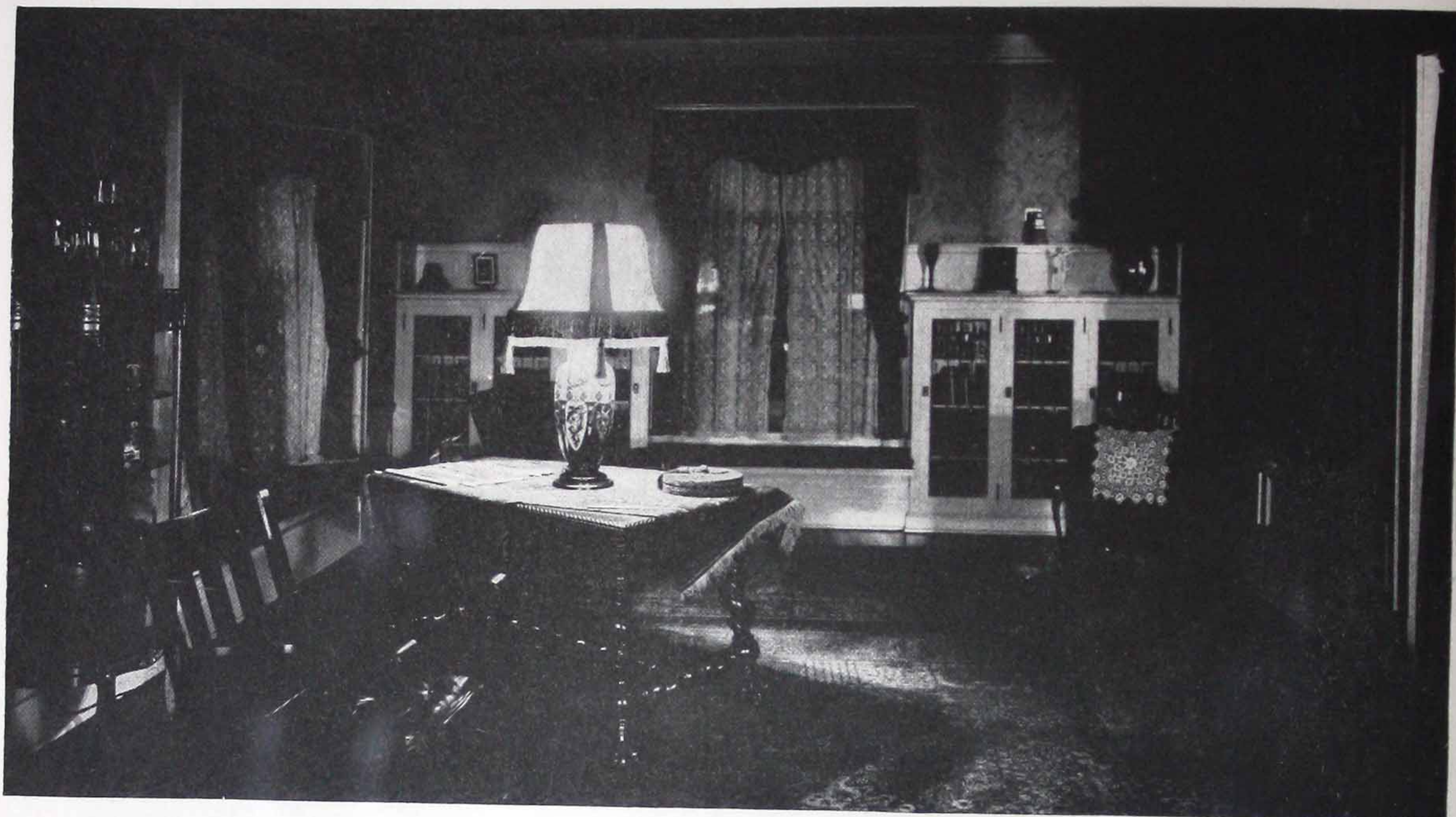
| No. 4214 Design—Compone | | | |
|-------------------------|-------------|-------------------------|------------|
| Diameter 24 inches | | Depth 13 inches | |
| Catalog No. | No. of Type | Size in "C" Lamps Walls | Price Each |
| 4214A | 4 | 75 | \$77.00 |
| 4213D | 3 | 100 or 150 | 74.25 |
| 4214D | 4 | 100 or 150 | 79.00 |
| 4-Chain Suspension | | | |

CURTIS LAMPS

SECTION FOUR



Art lamps can now be made more useful by combining indirect lighting with their well recognized decorative features.



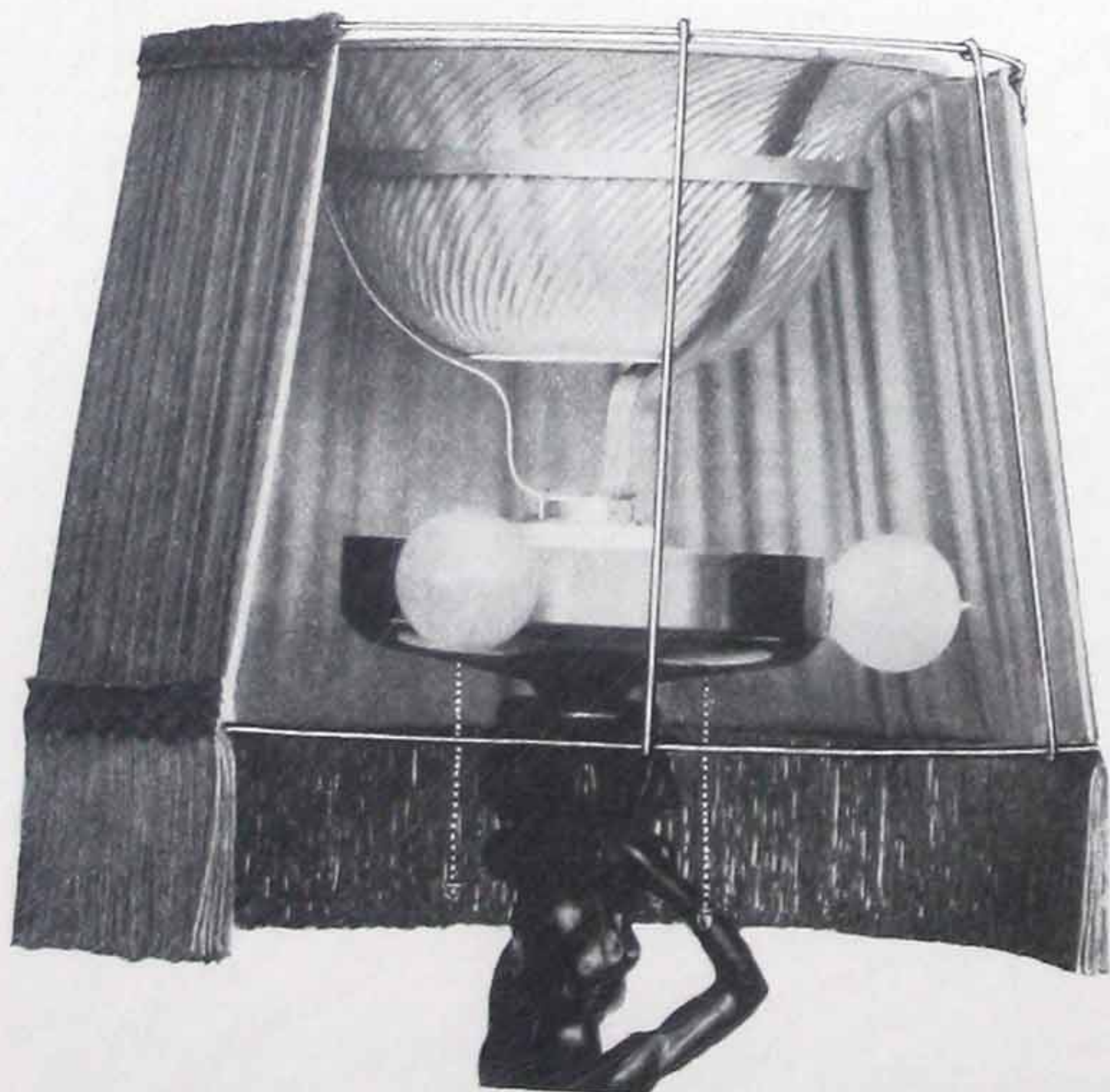
Illumination from an art lamp as it is ordinarily used, giving one bright spot directly under the lamp.

Indirect Lighting From Art Lamps

The photograph shown above illustrates a typical living room lighted by the ordinary table lamp. The soft warm glow of the silk shade is charming and yet it would be hardly possible to read or play cards by that light, except directly around the table.

The art lamp has found great favor in the American home and yet in most instances it is of little or no value from a utilitarian standpoint. Merely an ornament, it has been developed to the highest degree along that line.

With the rapidly increasing popularity of indirect lighting, made possible by the high efficiency of the X-Ray Reflector, the idea of combining indirect lighting and these beautiful art lamps was given serious consideration.



To make the art lamp flood the entire room with clear, bright, illumination as well as light the area immediately under the lamp, the Curtis Indirect Adapter was developed. This adapter is concealed within the silk shade, so that in appearance the art lamp remains unchanged.

Look at the picture at the top of the adjoining page and see how the Curtis Adapter, hidden within the silk shade of the lamp, illuminates the entire room. No lighting fixtures on the ceiling are necessary.

The special feature of the Curtis Indirect Adapter is the large X-Ray Reflector. This opaque, silvered, mirror reflector controls all the light from one large lamp bulb and directs it to the ceiling just as do the reflectors in X-Ray Indirect fixtures. From the ceiling the light is diffused throughout every corner and part of the room.



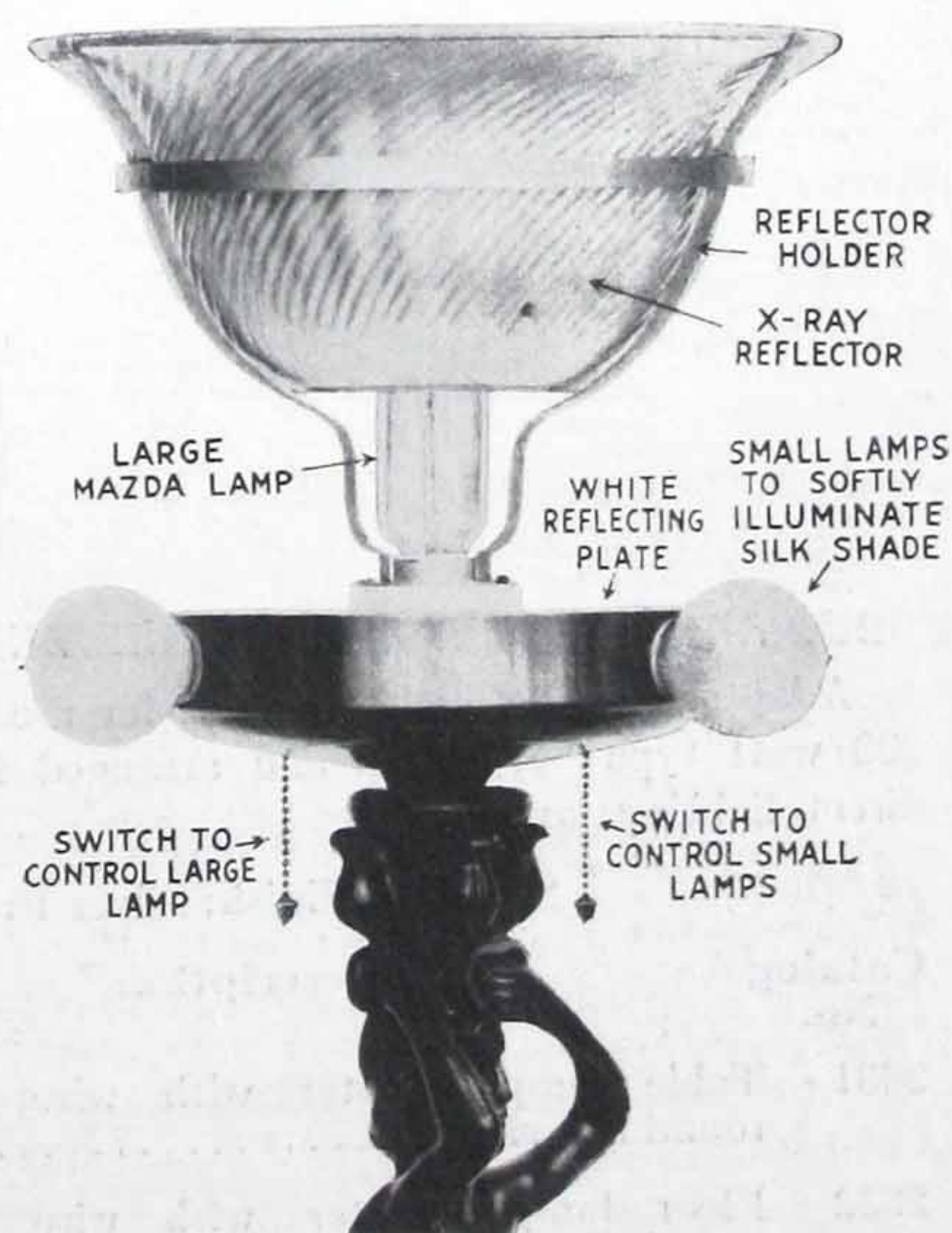
The same room charmingly illuminated by a flood of clear, indirect light reflected from the ceiling. There is an indirect lighting X-RAY Reflector concealed inside the silk shade which throws the light of a large bulb against the ceiling. Thus either lighting effect shown in these pictures may be had at the pull of the switch.

The large reflector is supported by a strong metal frame and the silk shade rests on the upper edge. The bottom of the reflector is left open so that some of the light from the large lamp escapes and is reflected by a white disc to softly and evenly illuminate the silk shade. Besides this disc there are individual frosted lamps (very small) which give the shade the appearance of the ordinary art lamp when the indirect lighting is not in use. The two little pull chains allow for separate control of these auxiliary lamps for lighting the shade and the large lamp which furnishes the indirect illumination.

The wonderful lighting effect secured with the indirect illumination is well illustrated by the photograph on this page. The addition of a Curtis adapter has made the art lamp useful as well as ornamental. These Curtis Adapter can be attached to any floor or table lamp, and to large ornamental vases, pedestals, etc.

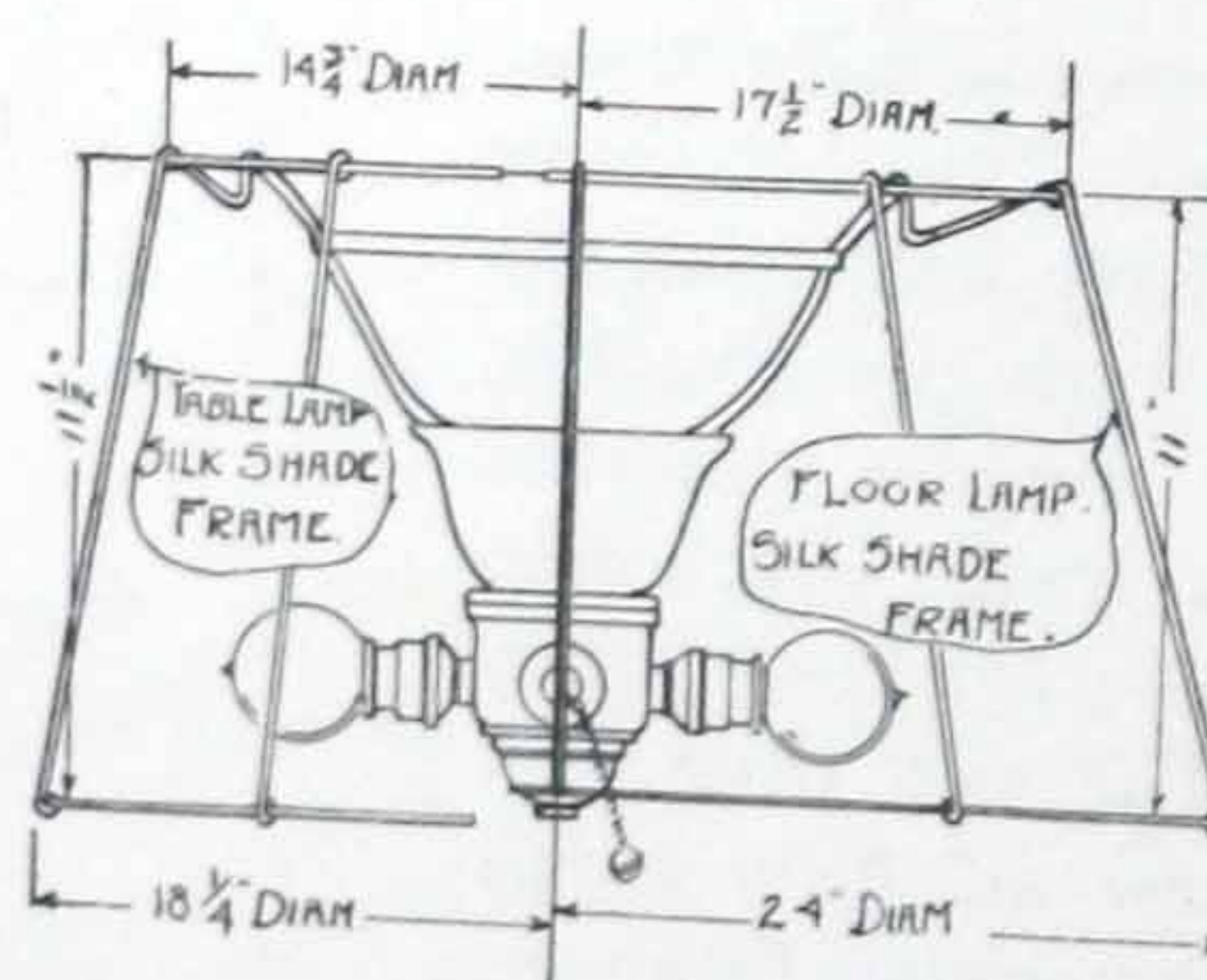
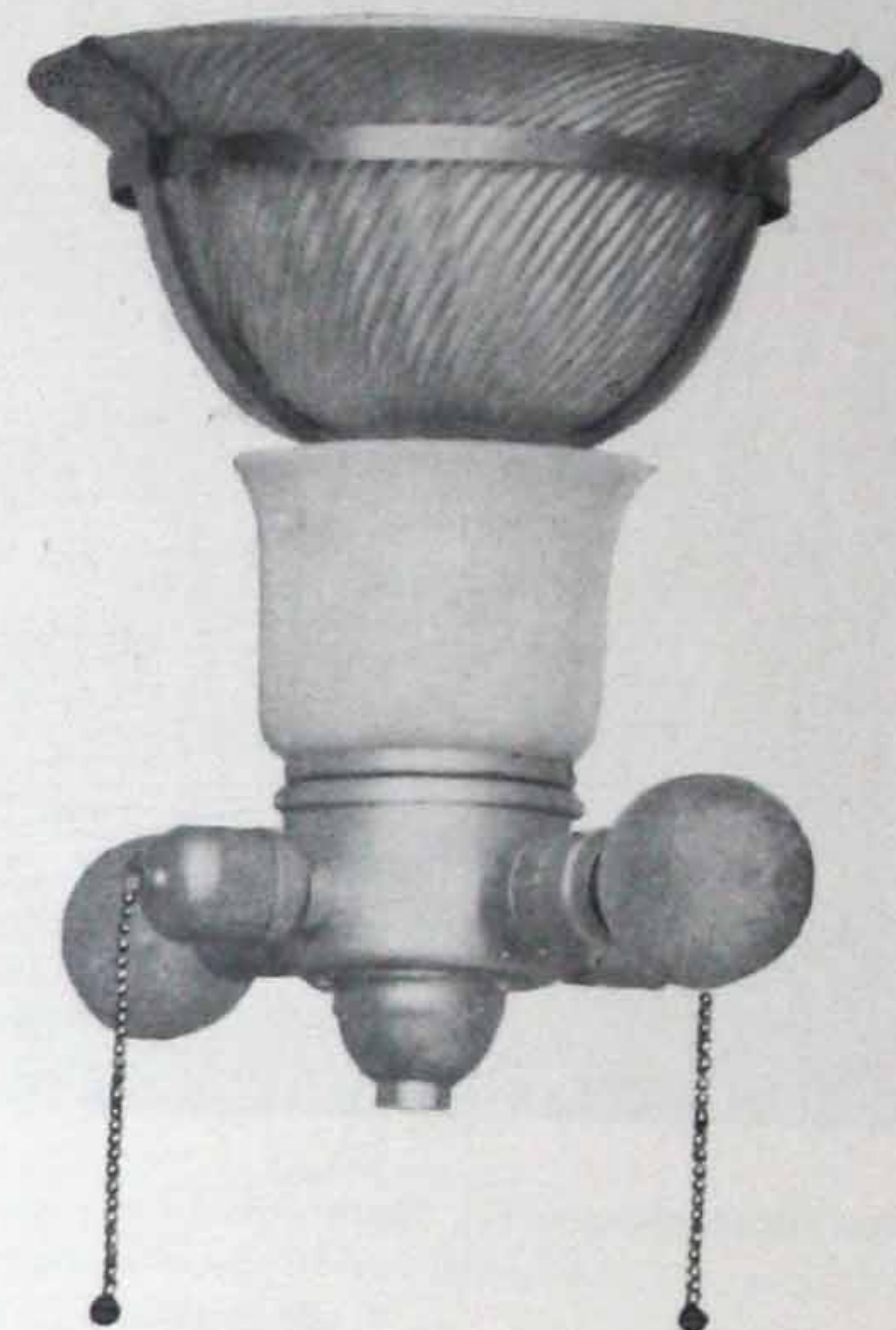
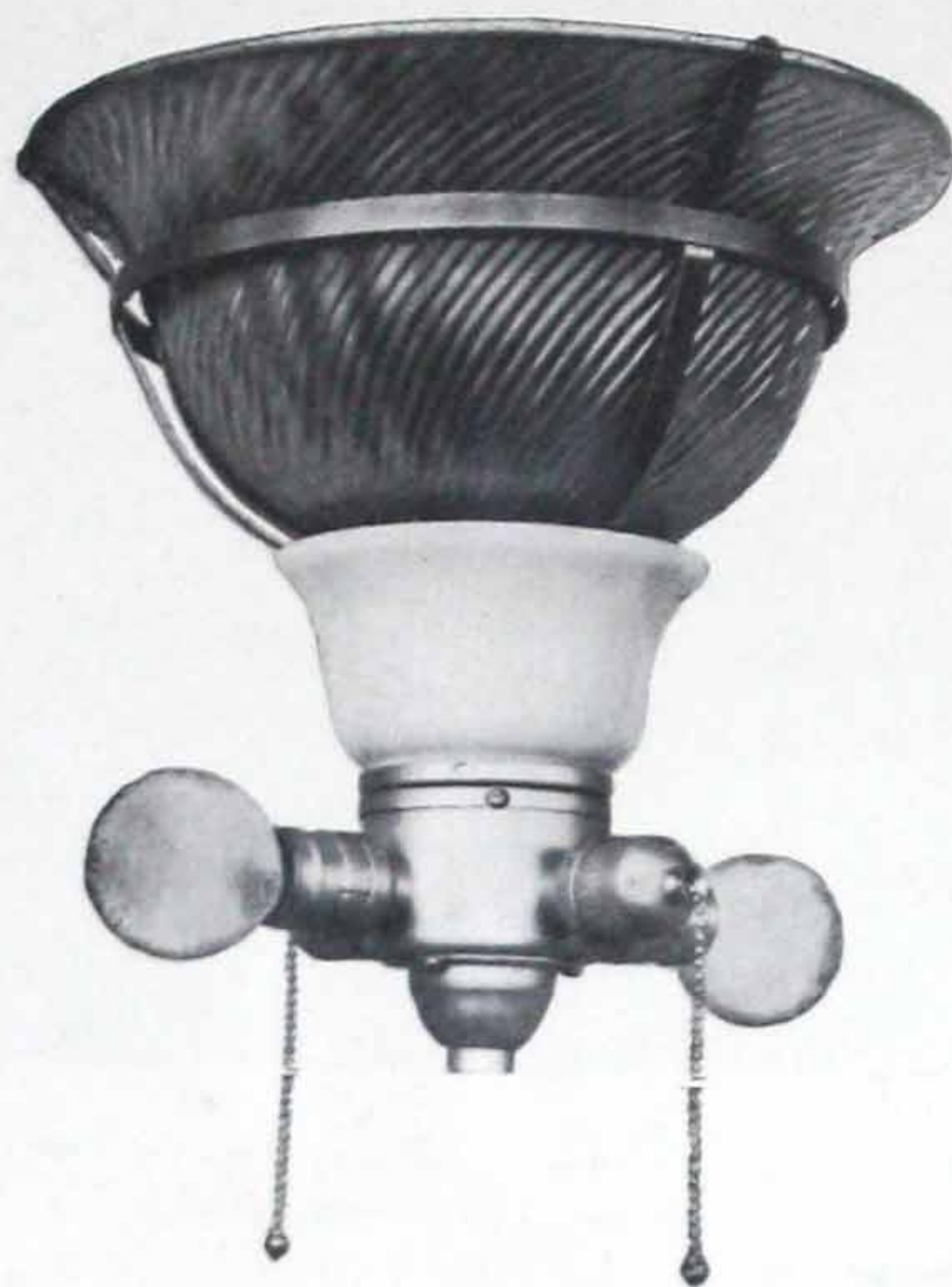
Care must be taken that the large powerful reflector is always above the line of vision. As the Curtis Adapter is 12 inches high, the floor lamp standard should be at least 54 inches and the table lamp standard 24 inches in height.

Several different sizes and styles of these Curtis Adapters are shown on the following pages.



Curtis Indirect Adapter

Curtis Indirect Adapters can be attached to any wooden or metal Pedestal or Vase whose top is over 54 inches from the floor. 10 feet of cord and attachment plug furnished with Adapter.



Adapter with 12 inch reflector, for use with 100, 150 or 200 watt type "C" lamp and arranged for two auxiliary direct lighting lamps.

Standard Finish: Silver Bronze

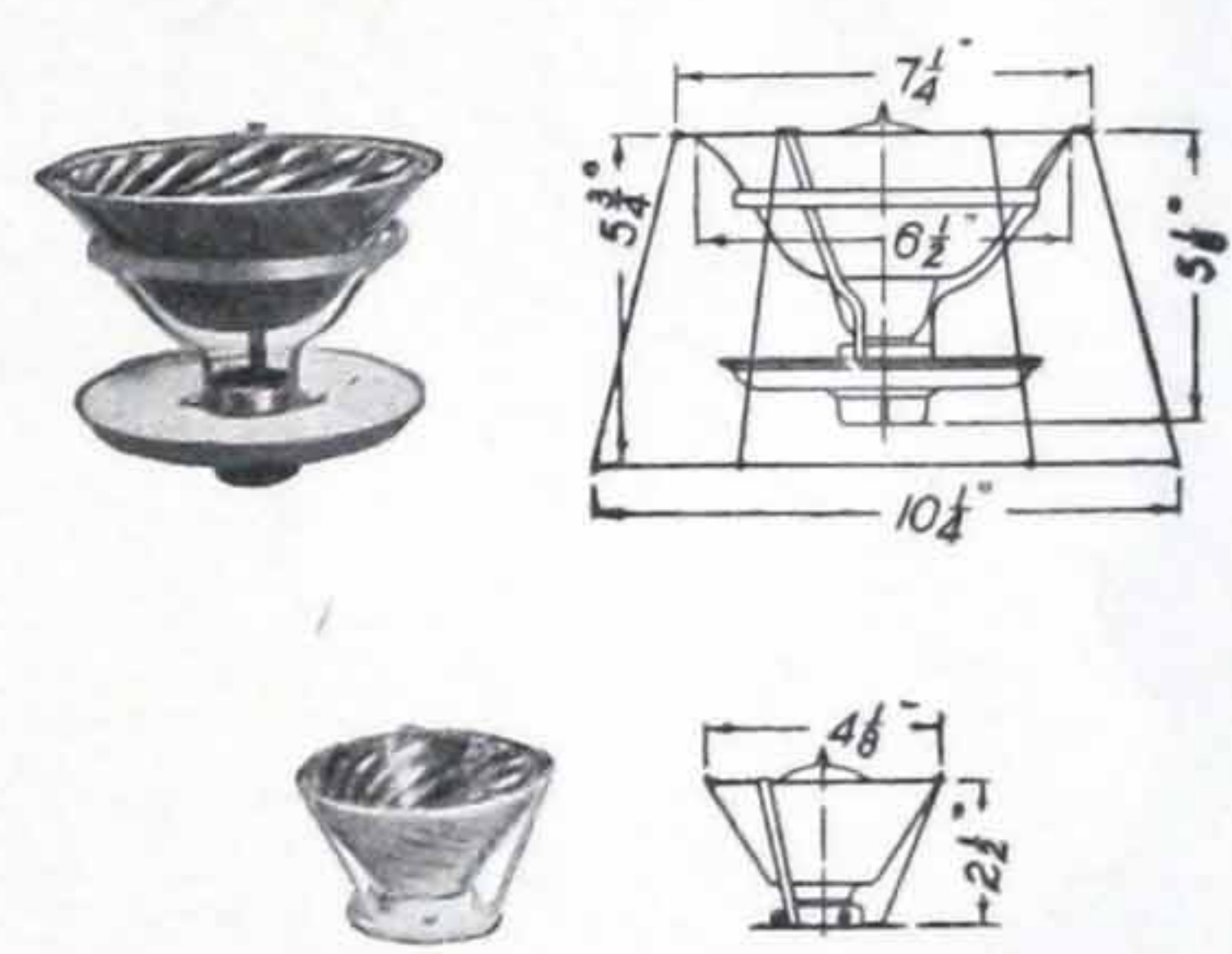
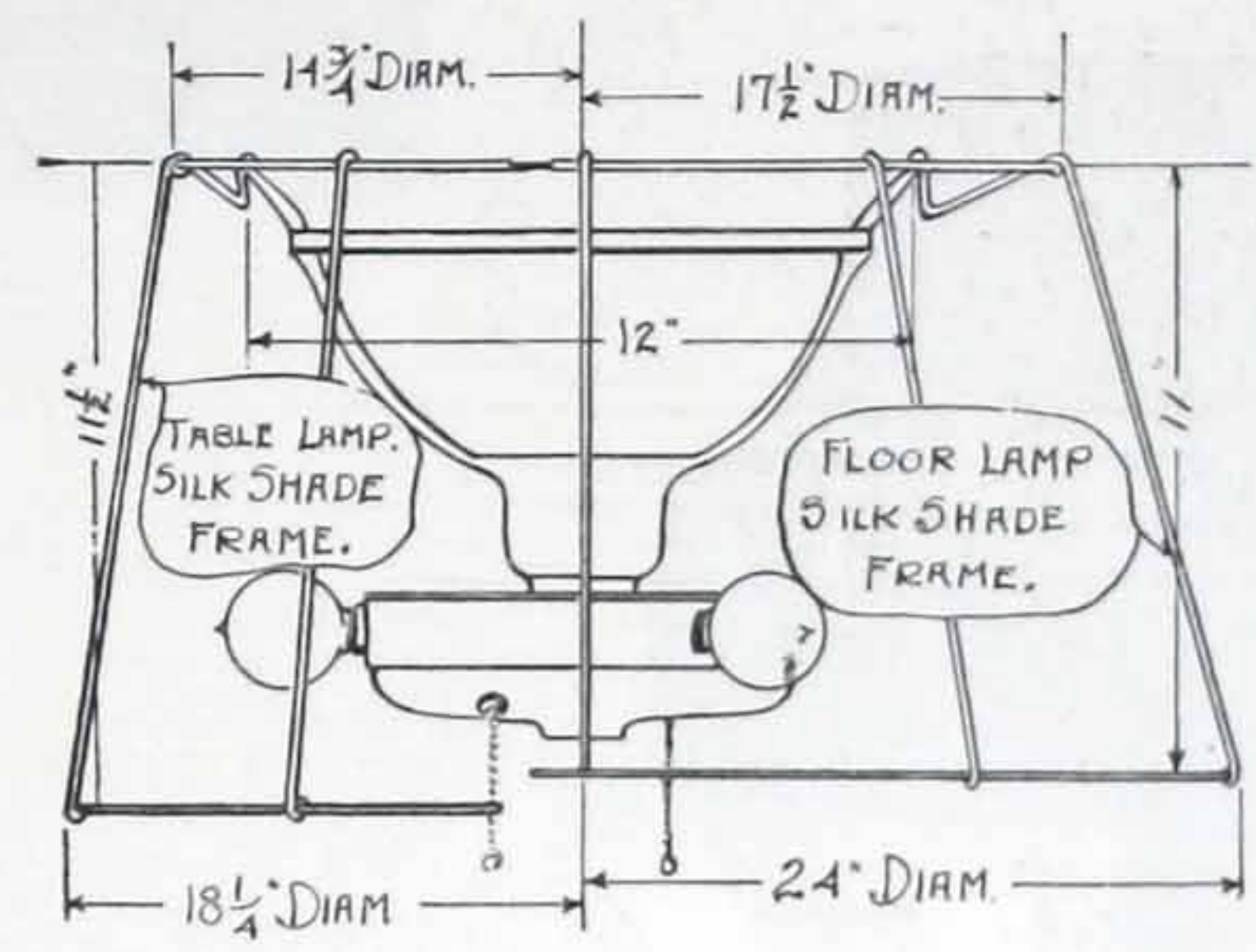
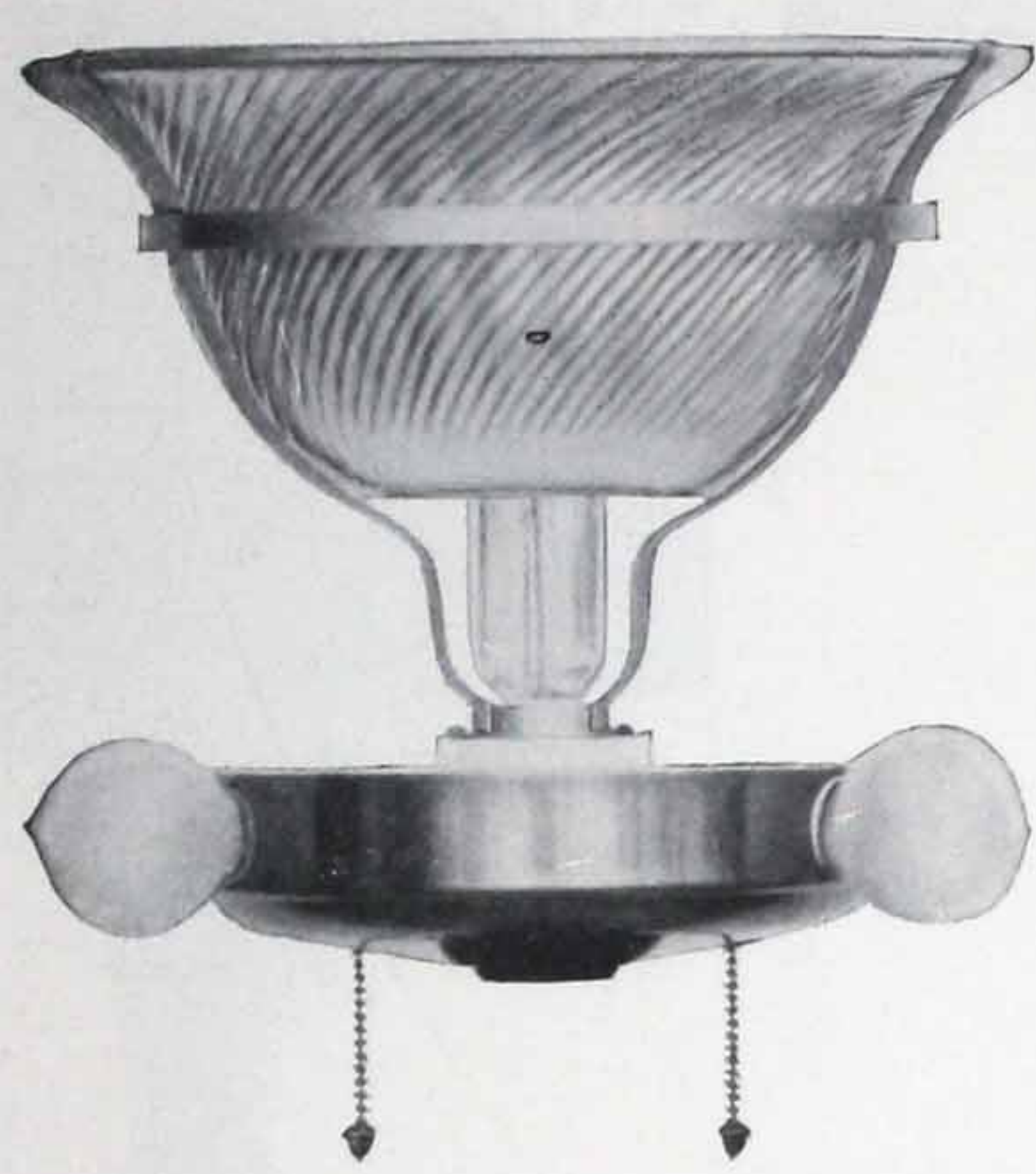
| Catalog No. | Description | Price each |
|-------------|--|------------|
| 2831 | Table lamp adapter with wire frame for round silk shade..... | \$23.50 |
| 2832 | Floor lamp adapter with wire frame for round silk shade..... | 24.00 |
| 2826 | Adapter only..... | 21.00 |

Adapter with 9 1/2 inch reflector, for use with 100, 150 or 200 watt type "C" lamp and arranged for two auxiliary direct lighting lamps.

Standard Finish: Silver Bronze

| Catalog No. | Description | Price each |
|-------------|--|------------|
| 2874 | Table lamp adapter with wire frame for round silk shade..... | \$20.25 |
| 2875 | Adapter only..... | 17.75 |

Curtis Indirect Adapters can be attached to any wooden or metal Pedestal or Vase whose top is over 54 inches from the floor. 10 feet of cord and attachment plug furnished with Adapter.



Adapter with 12 inch reflector, for use with 200 watt type "C" lamp and arranged for three auxiliary direct lighting lamps.

Standard Finish: Gold Bronze or Mahogany.

| Catalog No. | Description | Price each |
|-------------|--|------------|
| 2853 | Table lamp adapter with wire frame for round silk shade..... | \$31.25 |
| 2854 | Floor lamp adapter with wire frame for round silk shade..... | 31.75 |
| 2855 | Table lamp adapter without wire frame.. | 28.75 |
| 2856 | Floor lamp adapter without wire frame | 28.75 |

Adapter with 6 1/2 inch reflector, for use with 25, 40 or 60 watt lamp.

Standard Finish: Gold Bronze.

| Catalog No. | Description | Price each |
|-------------|---|------------|
| *2814 | Adapter with round wire shade frame | \$7.25 |
| *2802 | Without frame | 6.00 |

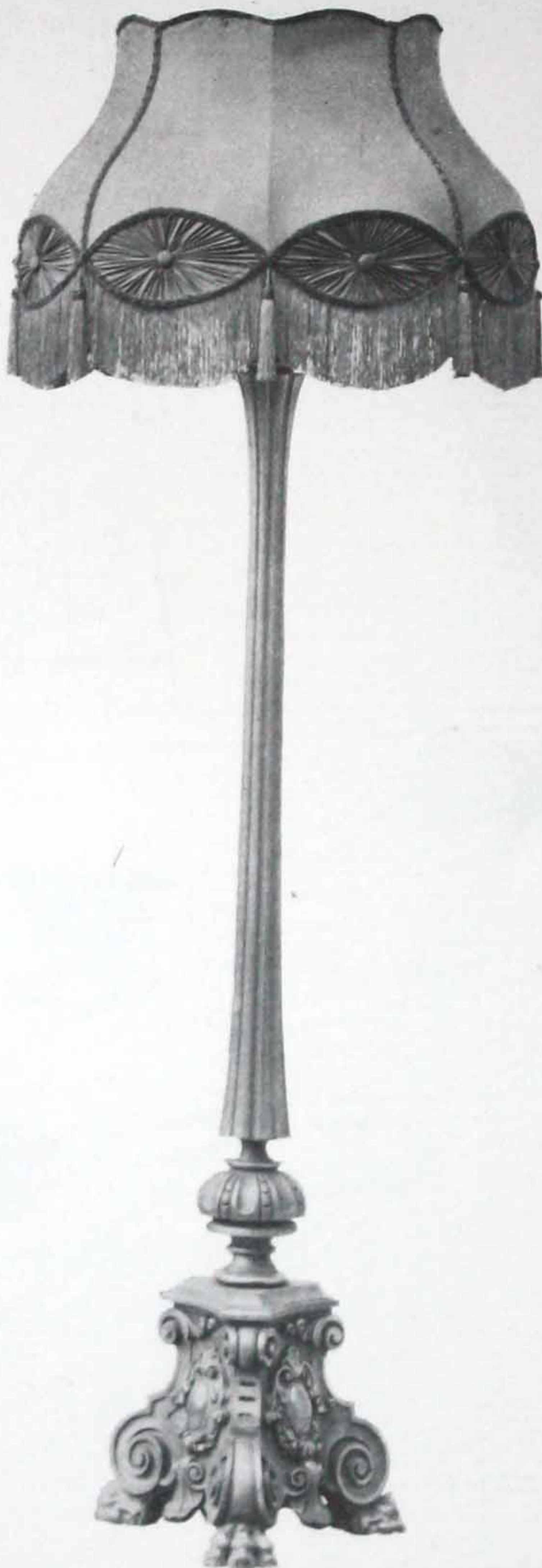
Adapter with 4 1/8 inch reflector, for use with 15 or 25 watt round bulb lamp.

Standard Finish: Flat White.

| Catalog No. | Description | Price each |
|-------------|---|------------|
| *2823 | Adapter with round wire shade frame | \$3.00 |
| *2803 | Without frame..... | 1.90 |

*No. 2814 adapter is for use with heavy brackets and will fit any standard socket. No. 2803 adapter is for use with small candle bracket and will fit any standard socket or 1 1/4 inch metal candle. No switch, cord or attachment plug included.

Art Lamps Equipped With Curtis Indirect Adapters



Carved Wood Table Lamp with Brocaded Gold Silk Shade

Finish: Antique Gold

Height 36 inches Diameter 20 inches

| Catalog No. | Adapter No. | Silk Shade No. | Price Each |
|-------------|-------------|----------------|------------|
| 2611 | ‡2855 | 2857 | \$100.00 |
| 2612 | ‡2826 | 2857 | 92.25 |

No. 2857 Silk Shade lists \$35.00

Carved Wood Floor Lamp with Old Gold Silk Shade

Finish: Antique Gold

Height 72 inches Diameter 24 inches

| Catalog No. | Adapter No. | Silk Shade No. | Price Each |
|-------------|-------------|----------------|------------|
| 2639 | ‡2856 | 2865 | \$137.75 |
| 2640 | ‡2826 | 2865 | 130.00 |

No. 2865 Silk Shade lists \$44.50

Carved Wood Table Lamp with Old Gold Silk Shade

Finish: Antique Gold

Height 36 inches Diameter 22 inches

| Catalog No. | Adapter No. | Silk Shade No. | Price Each |
|-------------|-------------|----------------|------------|
| 2615 | ‡2855 | 2835 | \$89.00 |
| 2616 | ‡2826 | 2835 | 81.25 |

No. 2835 Silk Shade lists \$22.75

Art Lamps Equipped With Curtis Indirect Adapters



Carved Wood Floor Lamp with Old Gold Silk Shade

Finish: Gold Polychrome

Height 36 inches Diameter 18 inches

| Catalog No. | Adapter No. | Silk Shade No. | Price Each |
|-------------|-------------|----------------|------------|
| 2645 | ‡2826 | 2837 | \$71.50 |
| 2646 | ‡2875 | 2837 | 68.25 |

No. 2837 Silk Shade lists \$22.75

Carved Wood Floor Lamp with Old Gold Silk Shade

Finish: Gold Polychrome

Height 72 inches Diameter 24 inches

| Catalog No. | Adapter No. | Silk Shade No. | Price Each |
|-------------|-------------|----------------|------------|
| 2641 | ‡2856 | 2866 | \$141.00 |
| 2642 | ‡2826 | 2866 | 133.25 |

No. 2866 Silk Shade lists \$46.75

Turned Wood Table Lamp with Mulberry Silk Shade

Finish: Mahogany

Height 36 inches Diameter 21 inches

| Catalog No. | Adapter No. | Silk Shade No. | Price Each |
|-------------|-------------|----------------|------------|
| 2638 | ‡2875 | 2867 | \$62.25 |

No. 2867 Silk Shade lists \$26.00

Art Lamps Equipped With Curtis Indirect Adapters



Turned Wood Floor Lamp with
Old Rose Silk Shade

| Finish: Mahogany | | | |
|------------------|-------------|--------------------|------------|
| Height 72 inches | | Diameter 24 inches | |
| Catalog No. | Adapter No. | Silk Shade No. | Price Each |
| 2632 | ‡2875 | 2862 | \$71.50 |

No. 2862 Silk Shade lists \$36.25

Turned Wood Table Lamp with
Old Rose Silk Shade

| Finish: Mahogany | | | |
|------------------|-------------|--------------------|------------|
| Height 36 inches | | Diameter 18 inches | |
| Catalog No. | Adapter No. | Silk Shade No. | Price Each |
| 2643 | ‡2826 | 2840 | \$56.00 |
| 2644 | ‡2875 | 2840 | 52.75 |

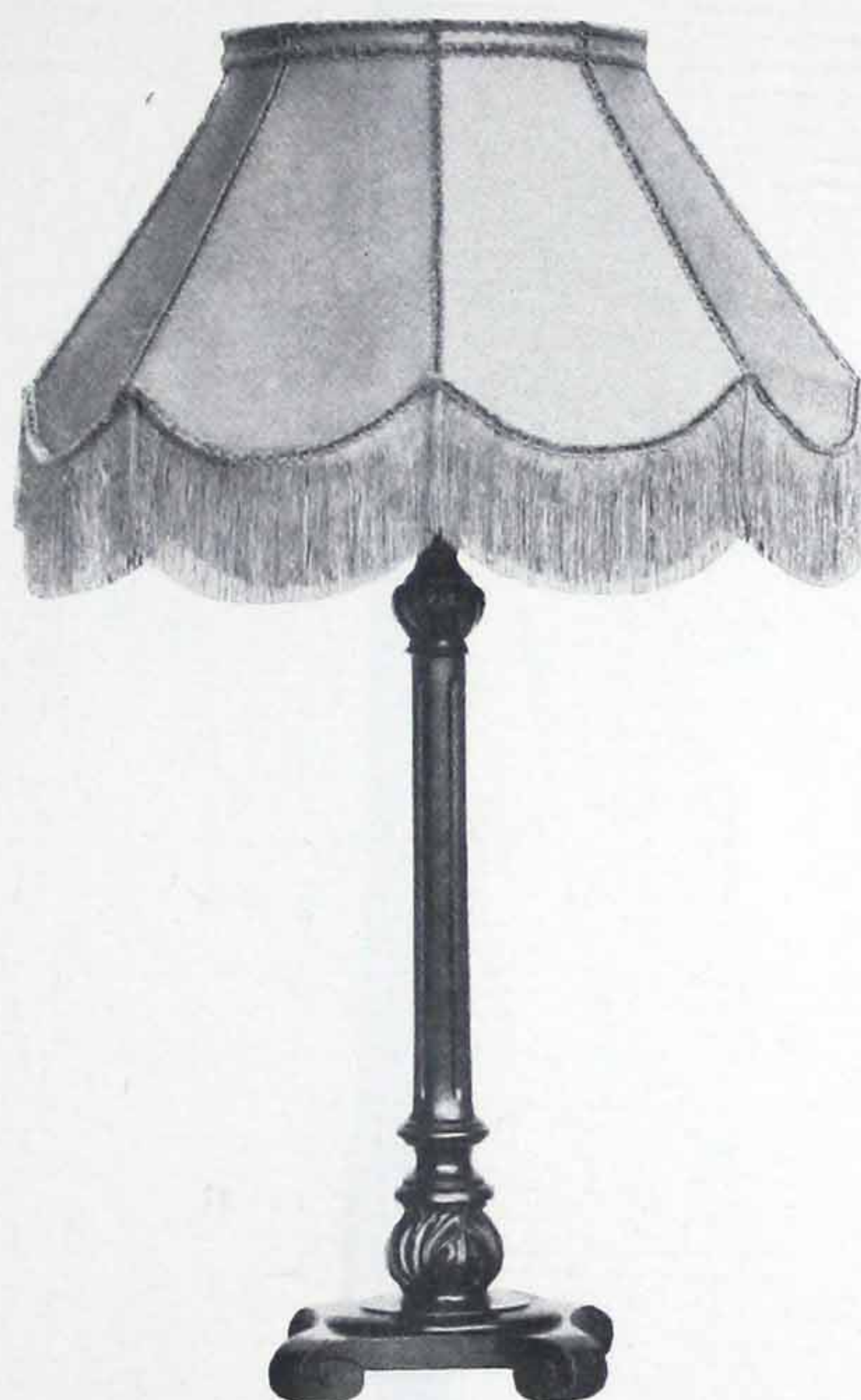
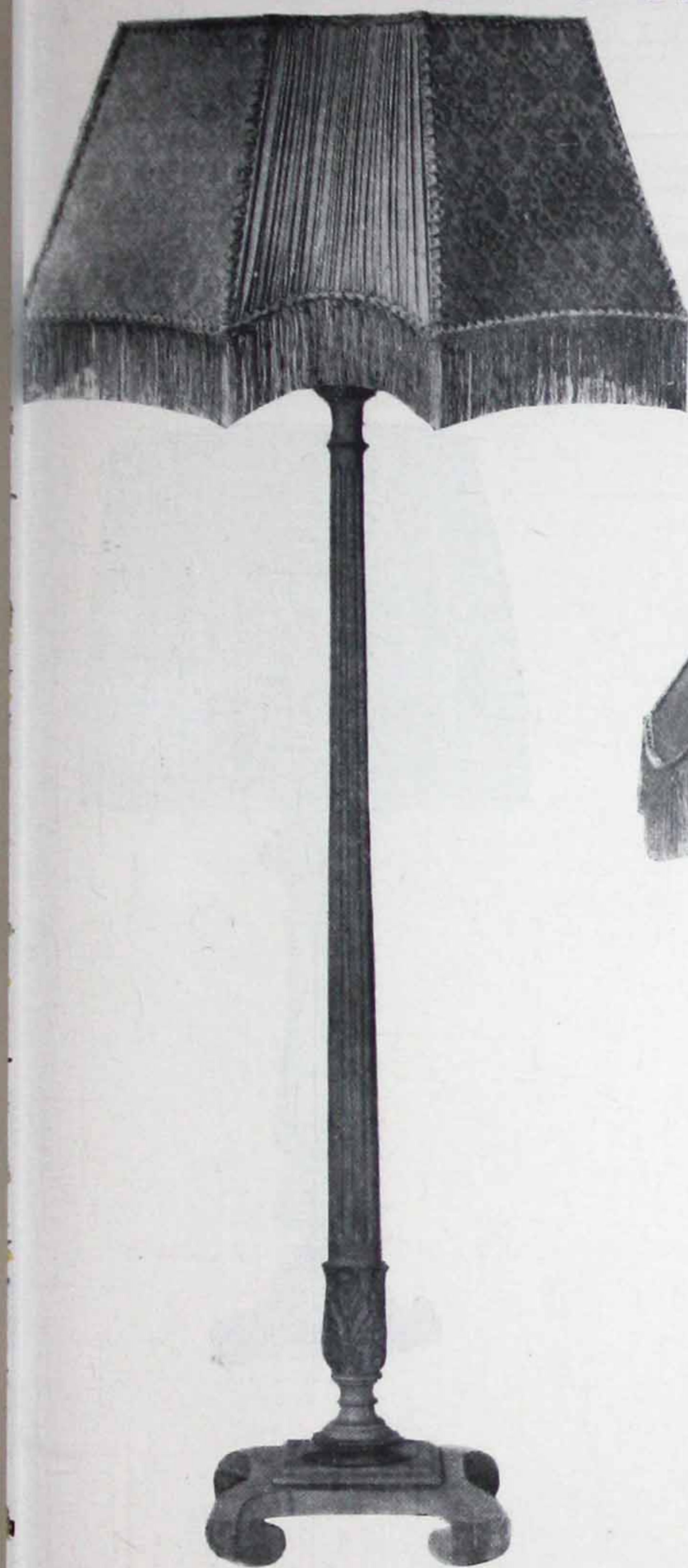
No. 2840 Silk Shade lists \$21.75

Turned Wood Table Lamp with
Mulberry Silk Shade

| Finish: Mahogany | | | |
|------------------|-------------|--------------------|------------|
| Height 72 inches | | Diameter 24 inches | |
| Catalog No. | Adapter No. | Silk Shade No. | Price Each |
| 2633 | ‡2875 | 2863 | \$67.50 |

No. 2863 Silk Shade lists \$32.50

Art Lamps Equipped With Curtis Indirect Adapters



Carved Wood Floor Lamp with Brocaded Mulberry Silk Shade

Finish: Mahogany

Height 72 inches Diameter 24 inches

| Catalog No. | Adapter No. | Silk Shade No. | Price Each |
|-------------|-------------|----------------|------------|
| 2617 | ‡2856 | 2858 | \$98.00 |
| 2618 | ‡2826 | 2858 | 90.25 |

No. 2858 Silk Shade lists \$29.25

Carved Wood Table Lamp with Mulberry Silk Shade

Finish: Mahogany

Height 36 inches Diameter 21 inches

| Catalog No. | Adapter No. | Silk Shade No. | Price Each |
|-------------|-------------|----------------|------------|
| 2635 | ‡2875 | 2864 | \$64.25 |

No. 2864 Silk Shade lists \$29.25

Turned Wood Floor Lamp with Old Rose Silk Shade

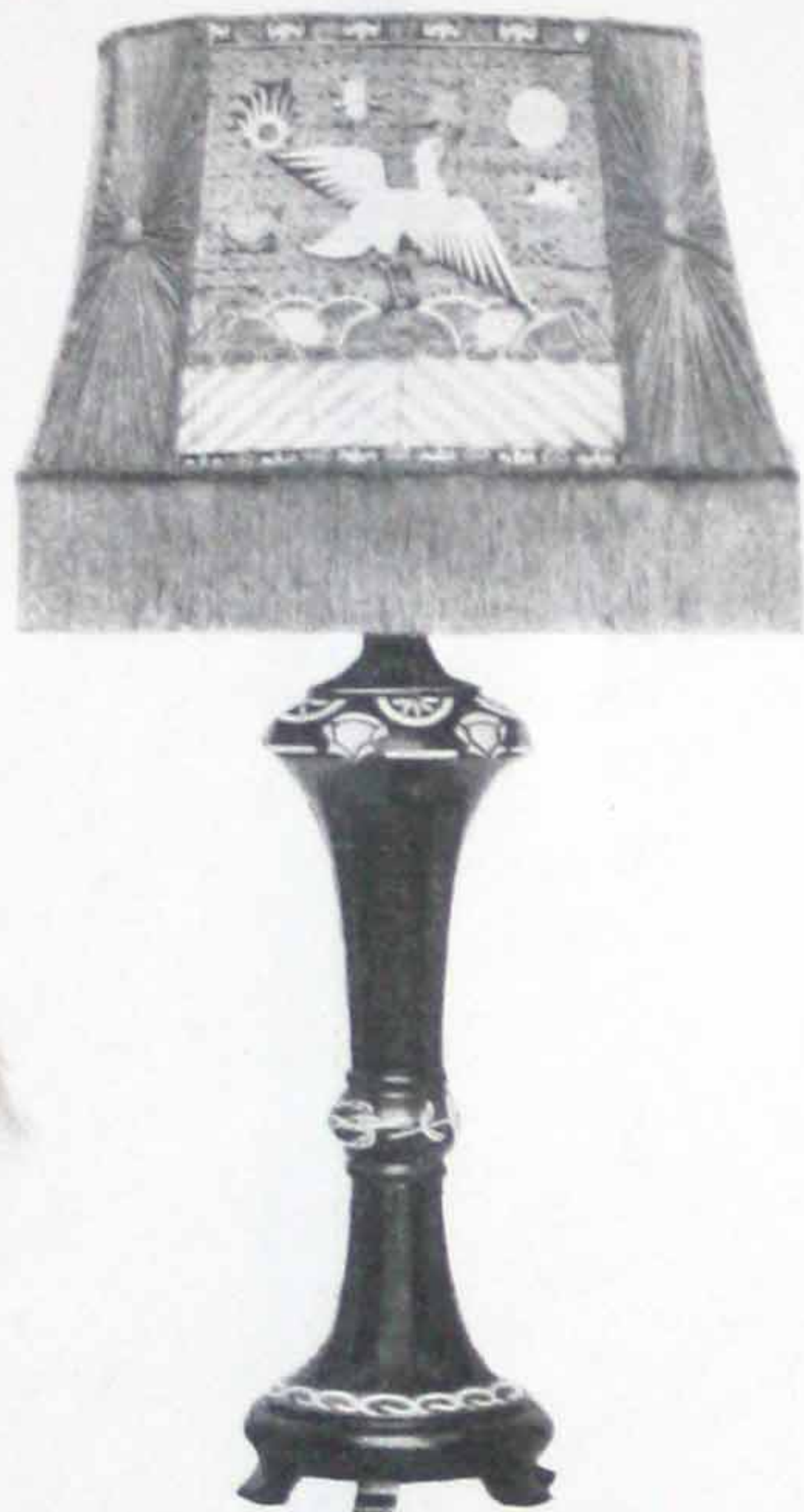
Finish: Mahogany

Height 72 inches Diameter 24 inches

| Catalog No. | Adapter No. | Silk Shade No. | Price Each |
|-------------|-------------|----------------|------------|
| 2636 | ‡2856 | 2806 | \$78.50 |
| 2637 | ‡2826 | 2806 | 70.75 |

No. 2806 Silk Shade lists \$32.50

Art Lamps Equipped With Curtis Indirect Adapters



Turned Wood Table Lamp with Japanese Silk Shade

Finish: Mahogany with Japanese Decorations in Gold

Height 36 inches Diameter 20 inches

| Catalog No. | Adapter No. | Silk Shade No. | Price Each |
|-------------|-------------|----------------|------------|
| 2621 | ‡2855 | 2843 | \$110.50 |
| 2622 | ‡2826 | 2843 | 102.75 |

No. 2843 Silk Shade lists \$36.25

Turned Wood Floor Lamp with Brocaded Mulberry Silk Shade

Finish: Mahogany with Japanese Decorations in Gold

Height 72 inches Diameter 24 inches

| Catalog No. | Adapter No. | Silk Shade No. | Price Each |
|-------------|-------------|----------------|------------|
| 2567 | ‡2856 | 2838 | \$112.50 |
| 2568 | ‡2826 | 2838 | 104.75 |

No. 2838 Silk Shade lists \$31.25

Carved Wood Table Lamp with Old Rose Silk Shade

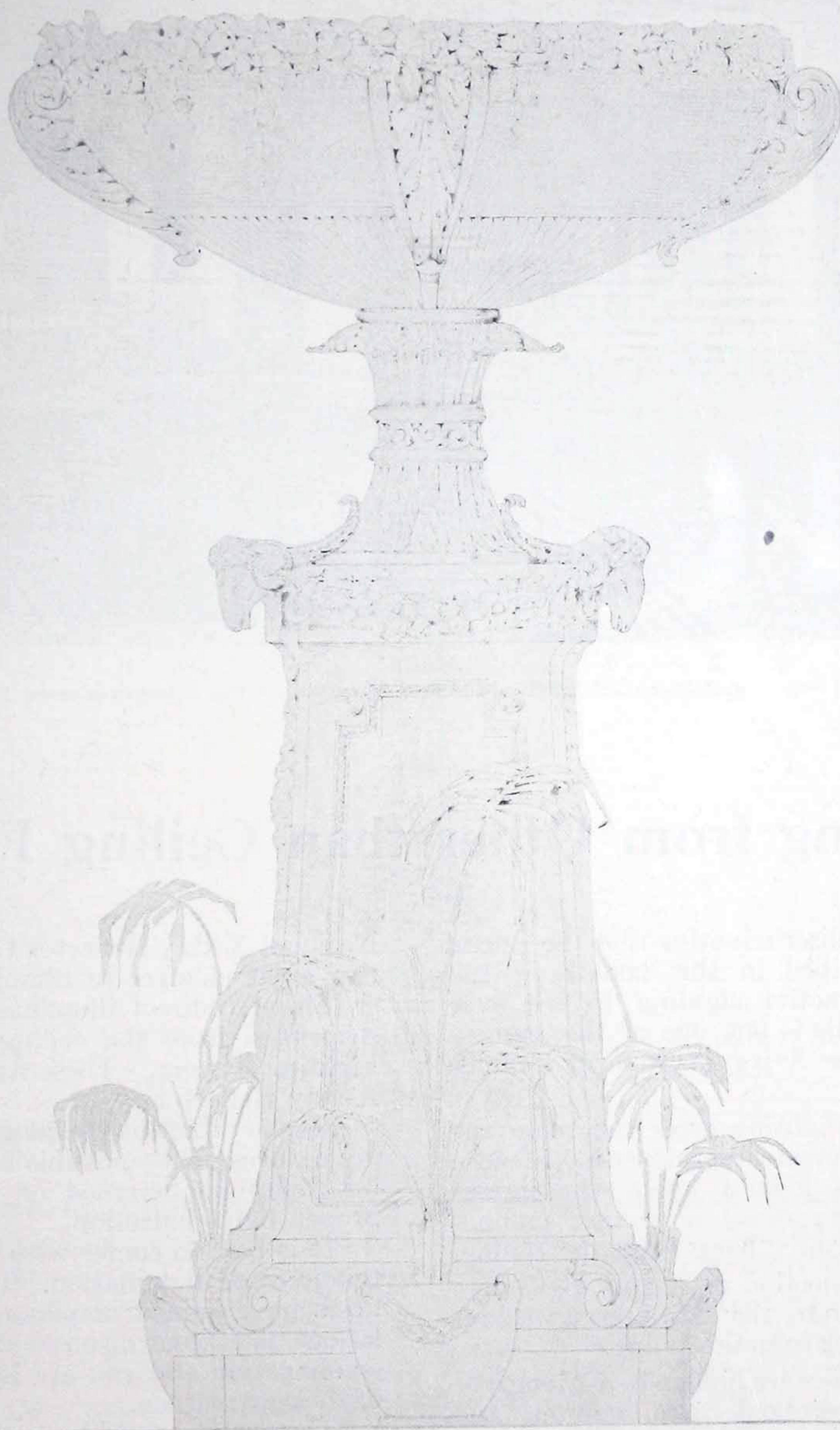
Finish: Antique Gold or Mahogany
Height 36 inches Diameter 18 inches

| Catalog No. | Adapter No. | Silk Shade No. | Price Each |
|-------------|-------------|----------------|------------|
| 2583 | ‡2855 | 2805 | \$81.25 |
| 2584 | ‡2826 | 2805 | 73.50 |

No. 2805 Silk Shade lists \$18.75

PEDESTAL AND COVE LIGHTING

SECTION FIVE



Much of the lighting of the future will be accomplished from sources entirely concealed, and without resorting to the use of suspended ceiling fixtures.



Sun Room, South Shore Country Club, Chicago, lighted with X-Ray reflectors in center Pedestal

Lighting from Other than Ceiling Fixtures

It is stated by the discriminating that the Curtis Portable Lamp described in this booklet is the most novel and attractive lighting fixture ever devised. However, this is but one of the numerous applications of the X-Ray System of indirect illumination.

While all indirect lighting gives the room the visual appearance of greater spaciousness because it is lighted from its highest point—the illuminated ceiling—this “airyness” is further emphasized if no lighting fixtures hang from the ceiling.

With the proper selection of X-Ray Reflectors it is practical to illuminate the entire room without fixtures of any kind hung from the ceiling.

Whether the reflectors are hidden in art lamps or urns placed on pianos, book-cases, mantels and pedestals or in projecting cornices near the ceiling, is a matter of individual choice, for the lighting results will be equally exquisite.

Thus it will be seen that the development of the correctly designed lighting equipment by the

National X-Ray Reflector Company has occasioned two great changes in illuminating methods.

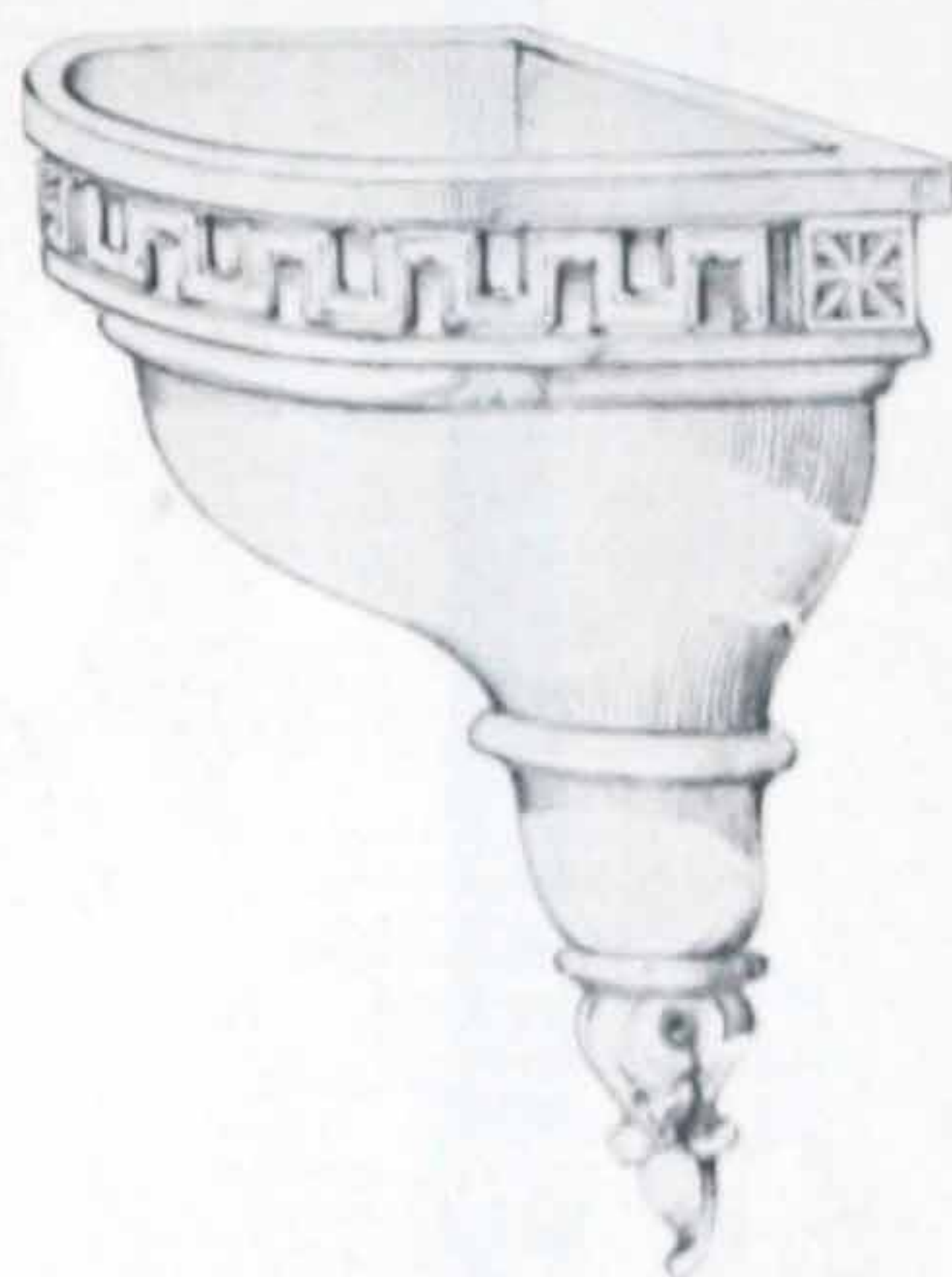
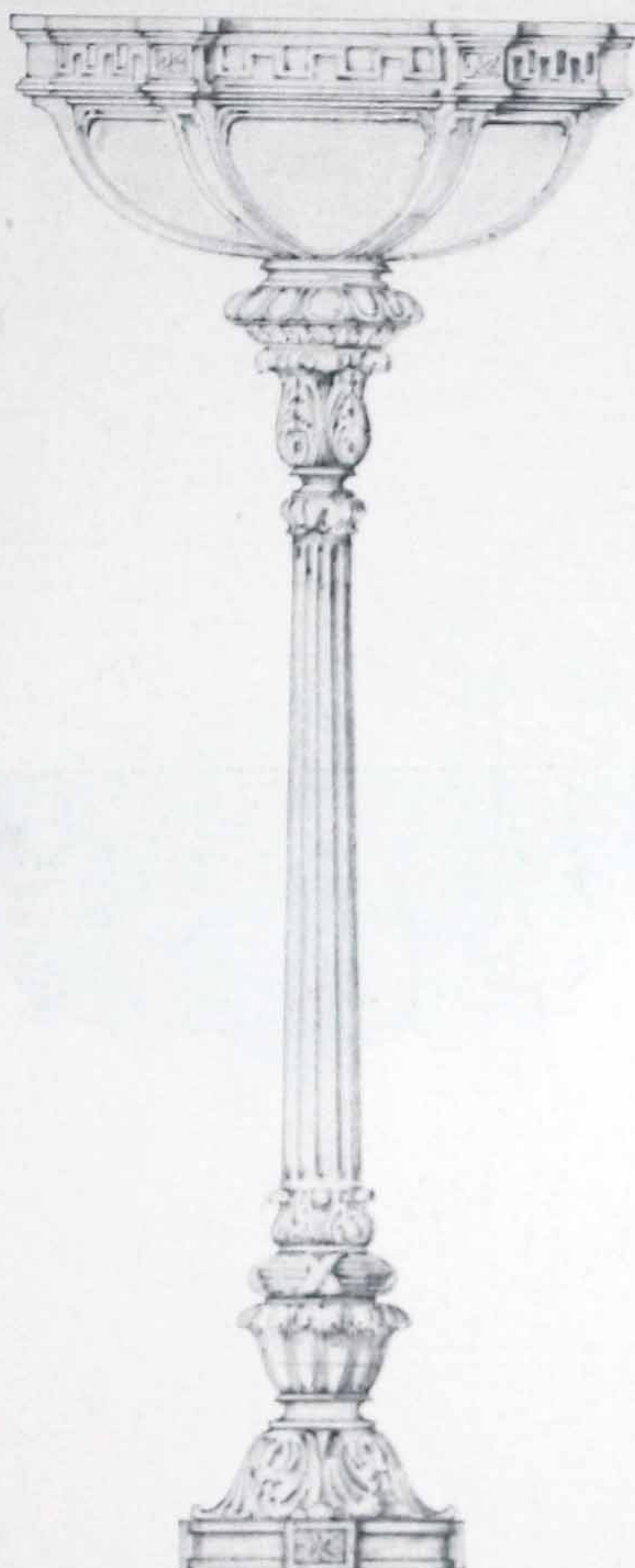
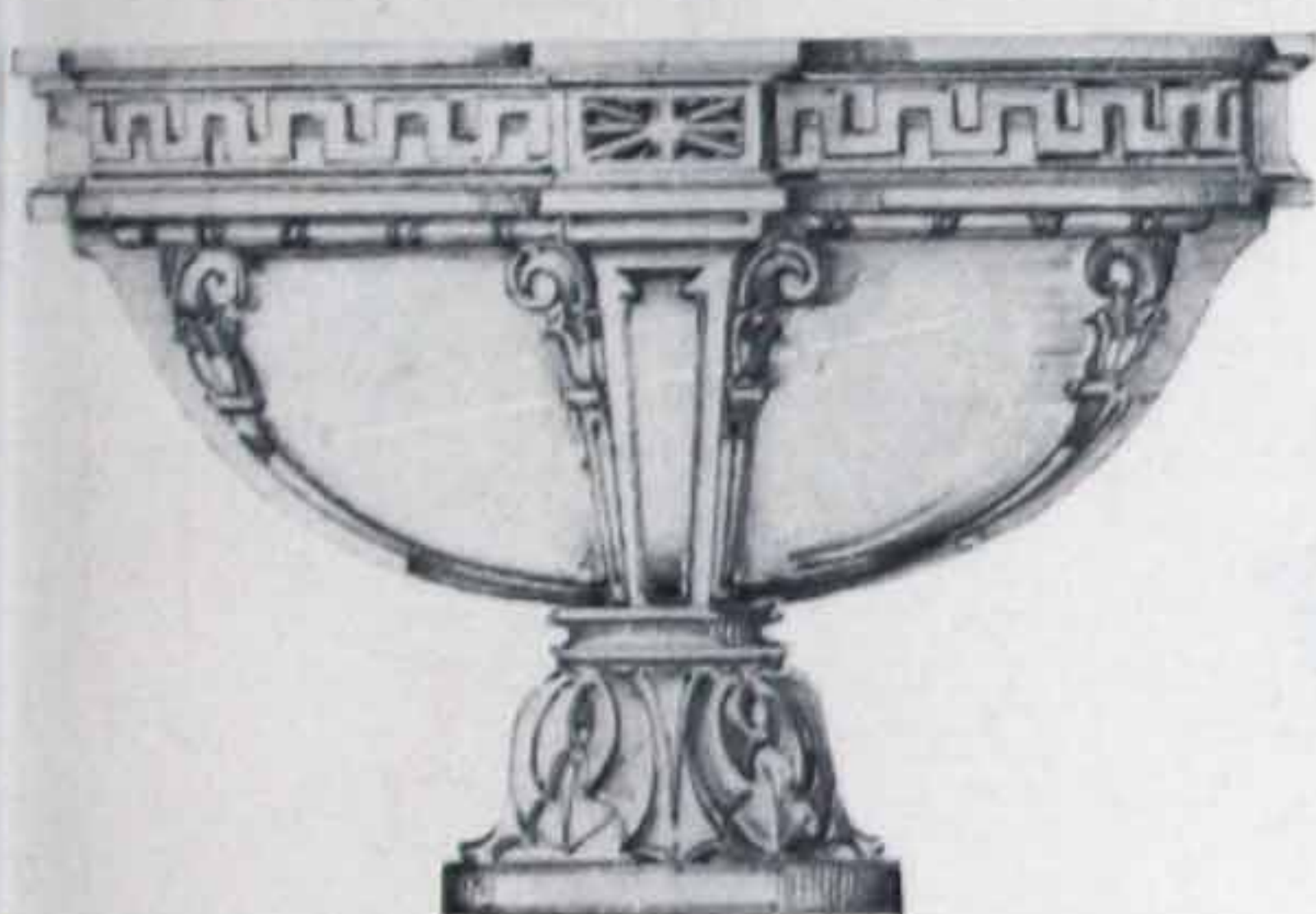
First—Indirect illumination from bowl fixtures suspended from the ceiling known as the X-Ray Lighting System. These fixtures contain powerful X-Ray Reflectors.

Second—Lighting of interiors from other than ceiling fixtures, made possible by utilizing these powerful Reflectors designed on scientific principles for proper light reflection.

It is best to confer with our experts in planning this form of illumination. The knowledge our engineers have gained in planning hundreds of installations, is at your disposal at any time without cost or obligation and you are invited to make free use of their experience.

The most notable and attention-compelling lighting installations in the country have been planned by our Engineering Department.

We are pleased to confer by mail or otherwise with anyone having difficult lighting problems to solve.



**No. 2401 Design—Compone
X-Ray Pedestal**

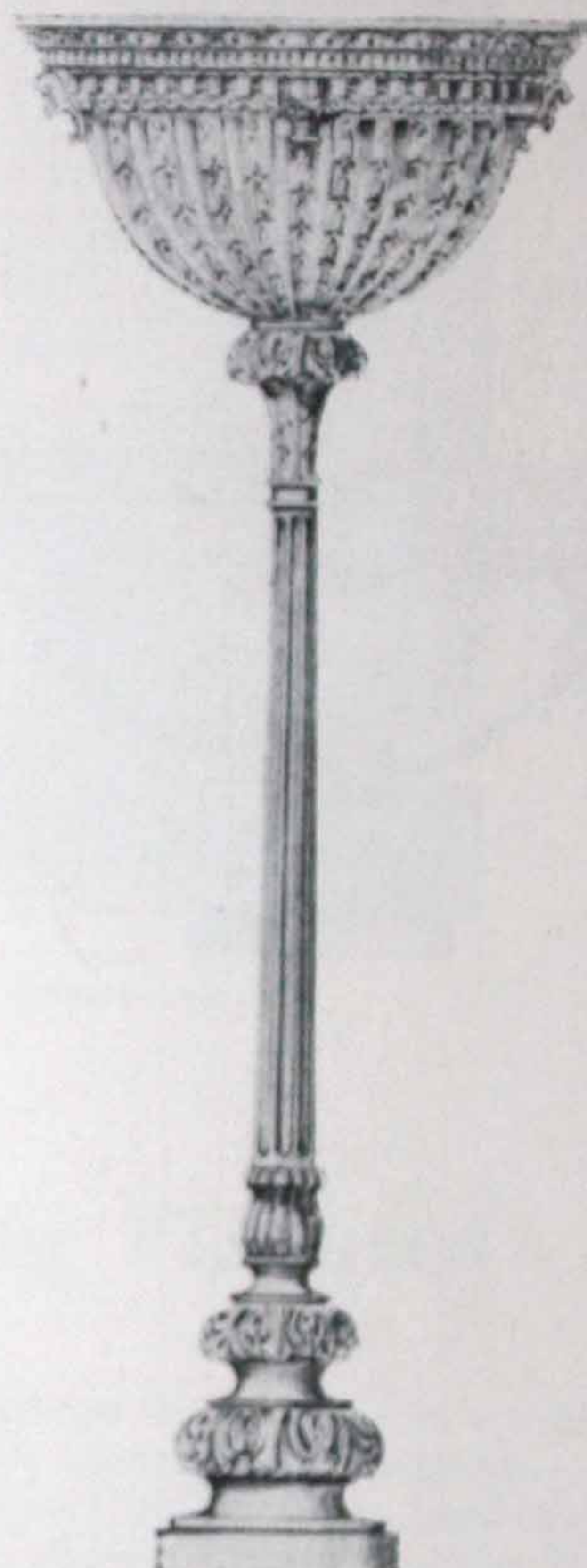
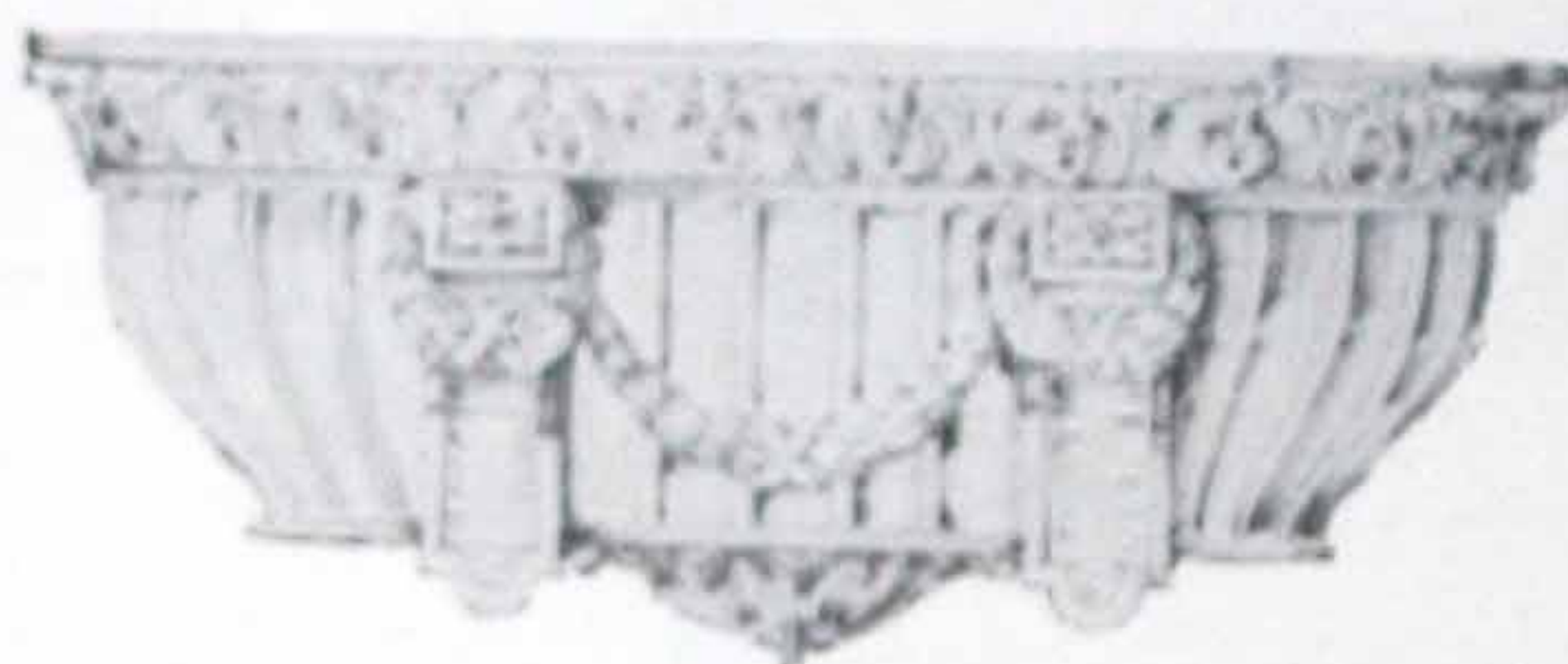
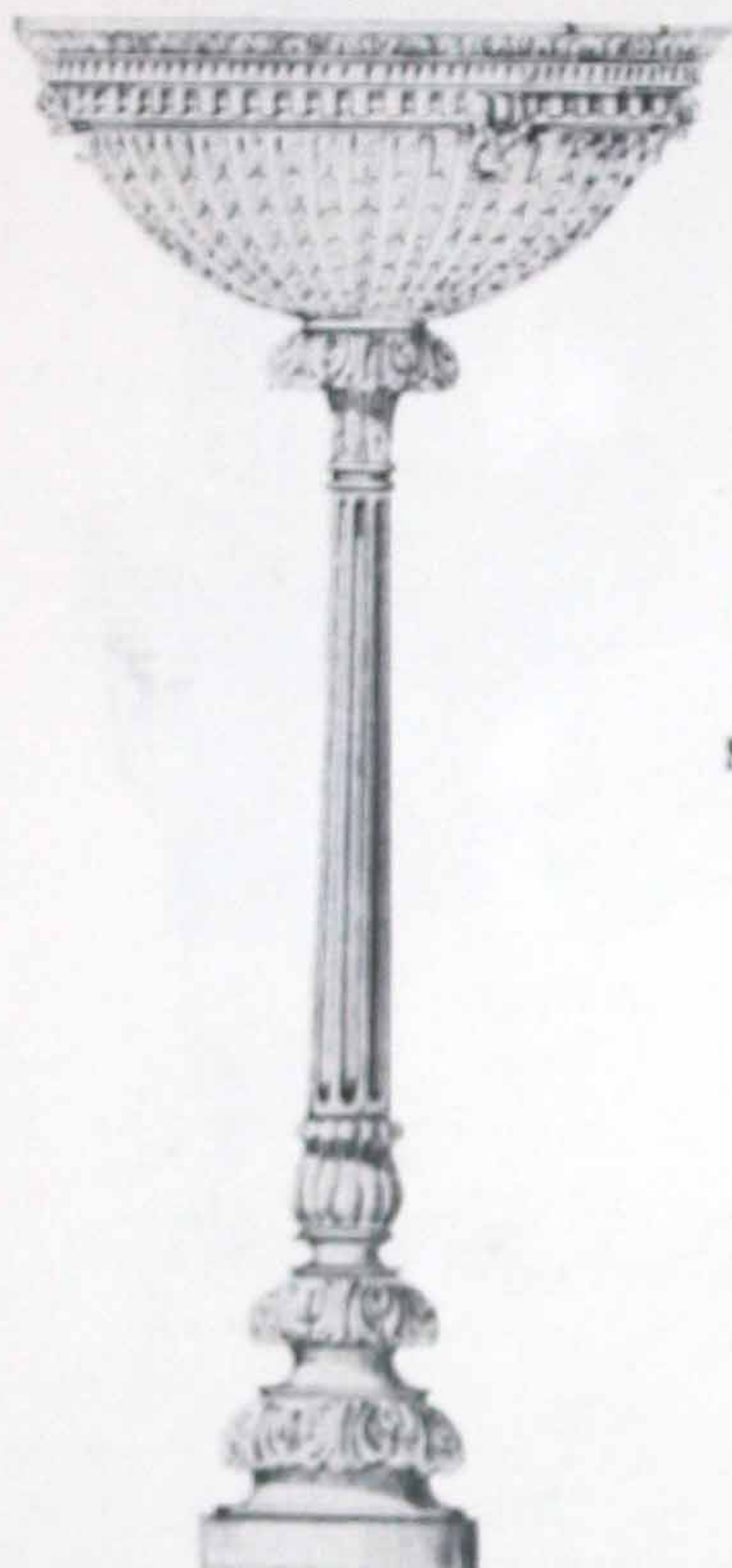
| Diameter 16 inches | | Height 11 inches | |
|--------------------|-----------------------|------------------|------------|
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| 2401J | 1 | 100 or 150 | \$35.50 |
| §2401K | 1 | 200 | 35.50 |

**No. 3753 Design—Compone
X-Ray Luminous Bowl Pedestal**

| Cathedral White Glass Panels | | | |
|------------------------------|-----------------------|------------------|------------|
| Diameter 30 inches | | Height 74 inches | |
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| 3753D | 3 | 100 or 150 | \$322.50 |
| 3756D | 6 | 100 or 150 | 336.00 |
| \$3753F | 3 | 200 | 324.00 |

**No. 3761 Design—Compone
Wall Urn for Indirect Lighting**

| Extends 11 1/4 inches | | Height 15 inches | |
|-----------------------|-----------------------|------------------|------------|
| Catalog No. | No. of Type "C" Lamps | Size in Watts | Price Each |
| †3761P | 1 | 75 | \$37.00 |
| 3761Z | 1 | 100 or 150 | 37.00 |



**No. 2861 Design—Compone
X-Ray Pedestal**

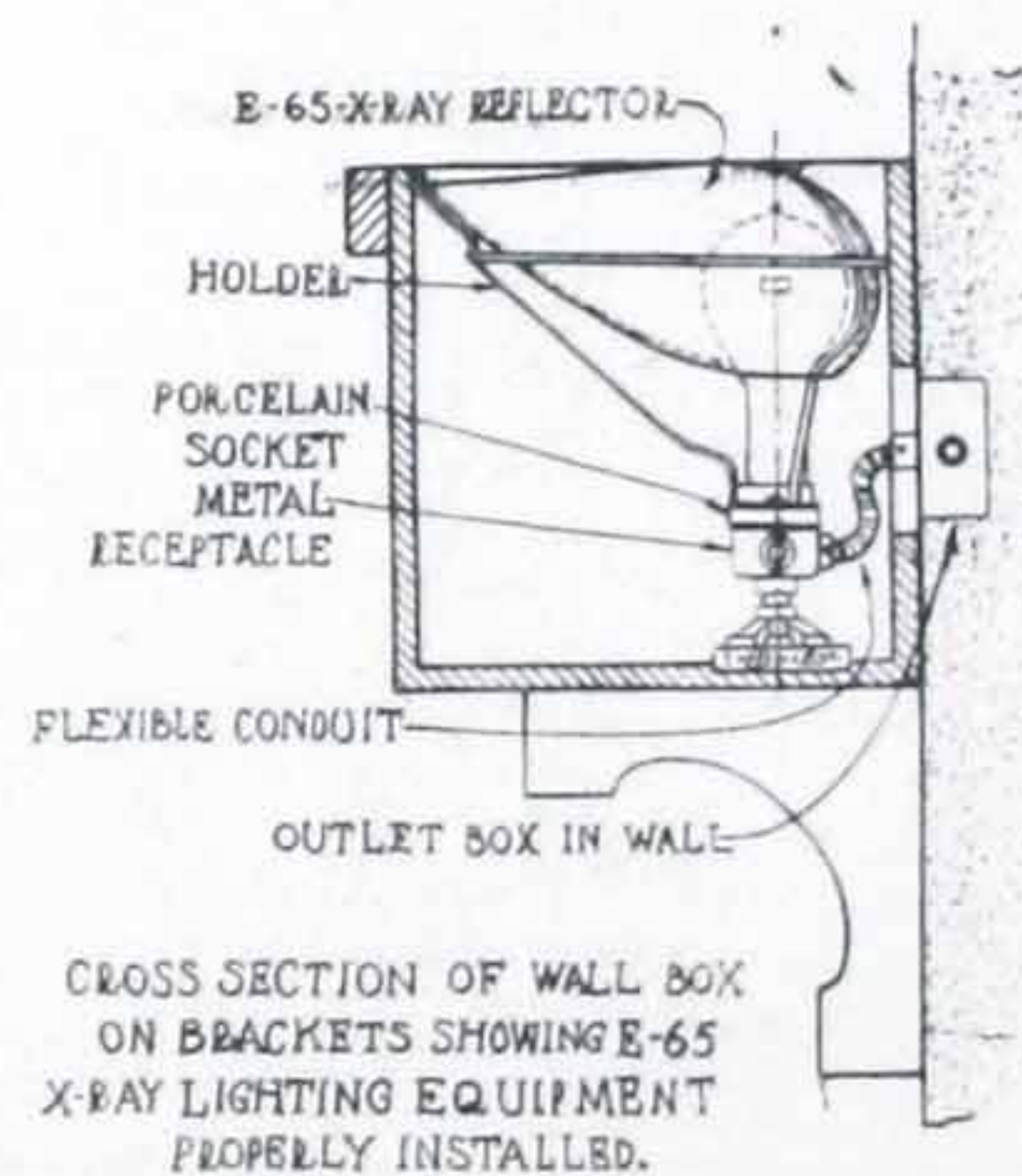
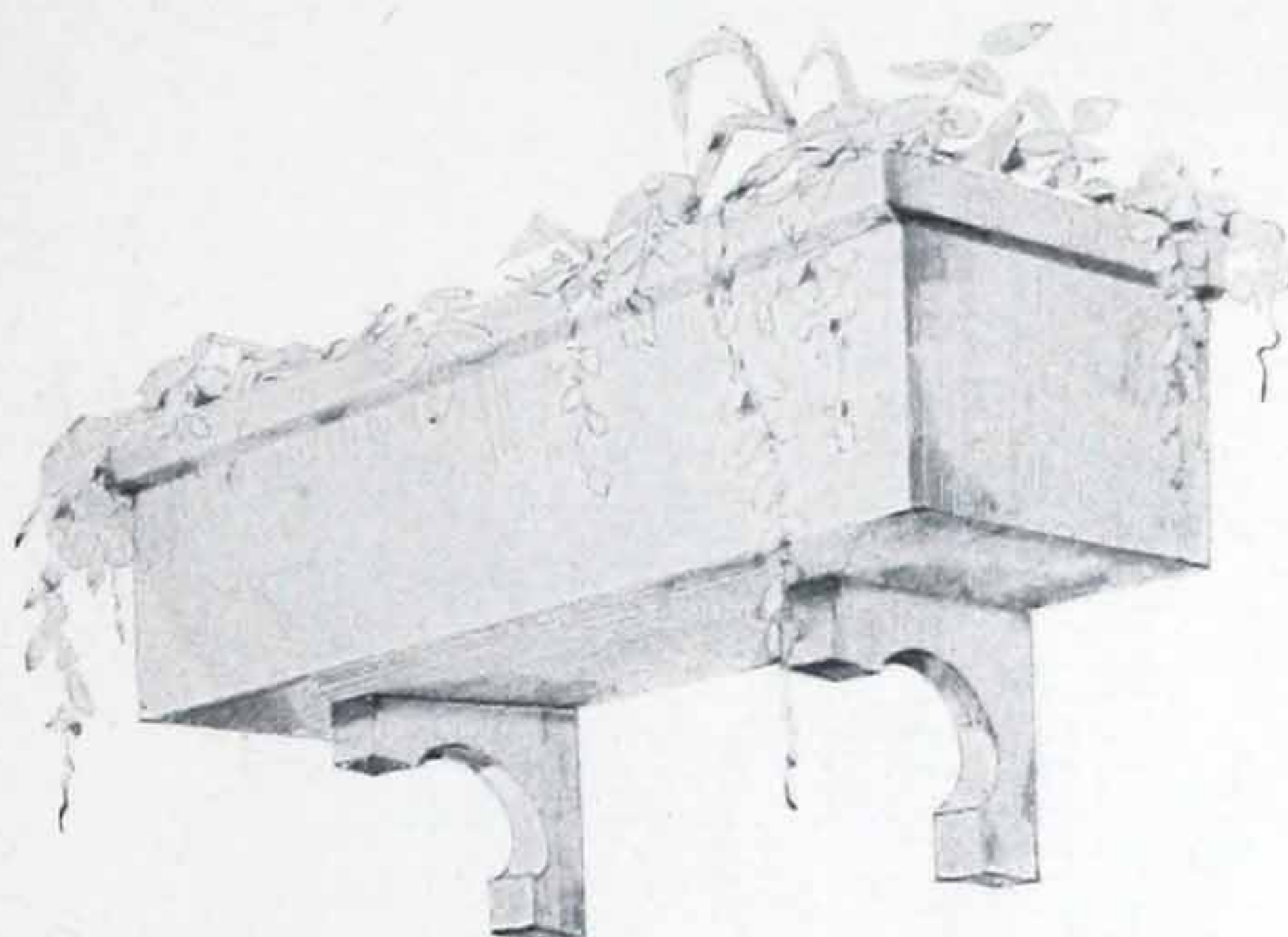
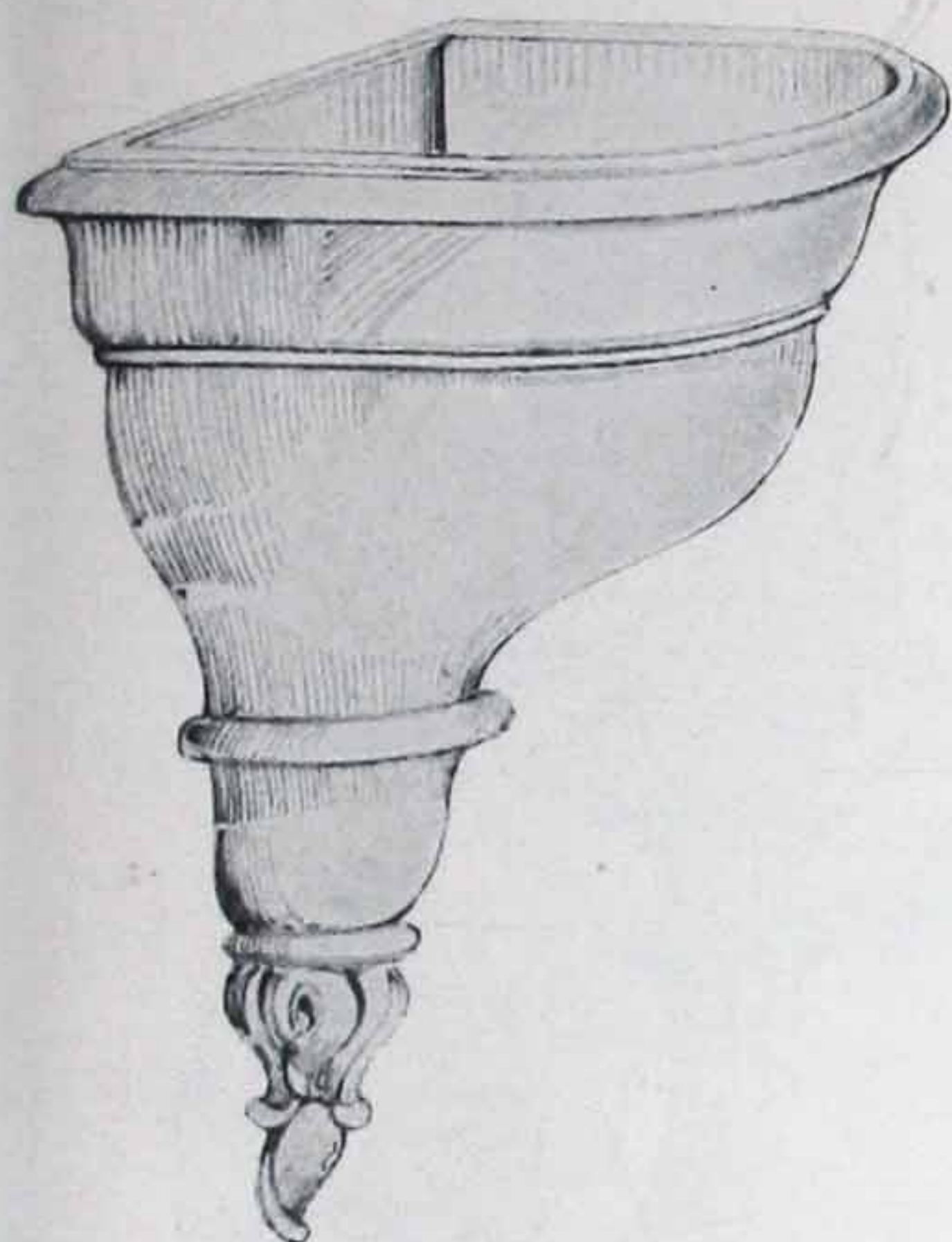
| Diameter 35 inches | | Height 72 inches | |
|--------------------|-------------|----------------------------|---------------|
| Catalog No. | No. of Type | Size in "C" Lamps Walls | Price Each |
| 2883K | 3 | 200 | \$187.00 |
| 2884K | 4 | 200 | 193.00 |
| 2881L | 1 | 300, 400 or 500 | 179.50 |
| Diameter 43 inches | | Height 74 inches | |
| 2892L | 2 | 300, 400 or 500 | \$222.50 |
| 2893L | 3 | 300, 400 or 500 | 234.00 |
| 2894L | 4 | 300, 400 or 500 | 245.50 |
| 2895L | 5 | 300, 400 or 500 | 257.00 |

**No. 3773 Design—Compone
Wall Urn for Indirect Lighting**

| Length 38 inches | | Depth 14 inches | |
|------------------|-------------|----------------------------|---------------|
| Catalog No. | No. of Type | Size in "C" Lamps Walls | Price Each |
| 4073P | 3 | 75 | \$73.50 |
| 4073Z | 3 | 100 or 150 | 73.50 |

**No. 2851 Design—Compone
X-Ray Pedestal**

| Diameter 22 inches | | Height 72 inches | |
|--------------------|-------------|----------------------------|---------------|
| Catalog No. | No. of Type | Size in "C" Lamps Walls | Price Each |
| 2851J | 1 | 100 or 150 | \$142.00 |
| 2851K | 1 | 200 | 142.00 |



| No. 3781 Design—Compone Wall Urn for Indirect Lighting | | | | |
|---|------------------|--------------------|------------|--|
| Extends 11 1/4 inches | | Height 15 inches | | |
| Catalog No. | No. of "C" Lamps | Type Size in Watts | Price Each | |
| †3781P | 1 | 75 | \$37.00 | |
| 3781Z | 1 | 100 or 150 | 37.00 | |

| E-65 X-Ray Reflector Unit | | | | |
|---------------------------|---|------------|--------|--|
| 8195 | 1 | 75 | \$8.55 | |
| 8196 | 1 | 100 or 150 | 8.55 | |

Includes reflector, porcelain socket and metal receptacle as shown.

| | | | | |
|------|---|------------|--------|--|
| 8197 | 1 | 75 | \$8.55 | |
| 8198 | 1 | 100 or 150 | 8.55 | |

Includes reflector, holder, porcelain socket and 3-inch or 4-inch standard outlet box cover

| No. 2512 Design—Wooden Wall Urn for Indirect Lighting Wooden Box with Mitered Corners | | | | |
|---|------------------|--------------------|------------|--|
| Length 14 inches | | Depth 12 inches | | |
| Catalog No. | No. of "C" Lamps | Type Size in Watts | Price Each | |

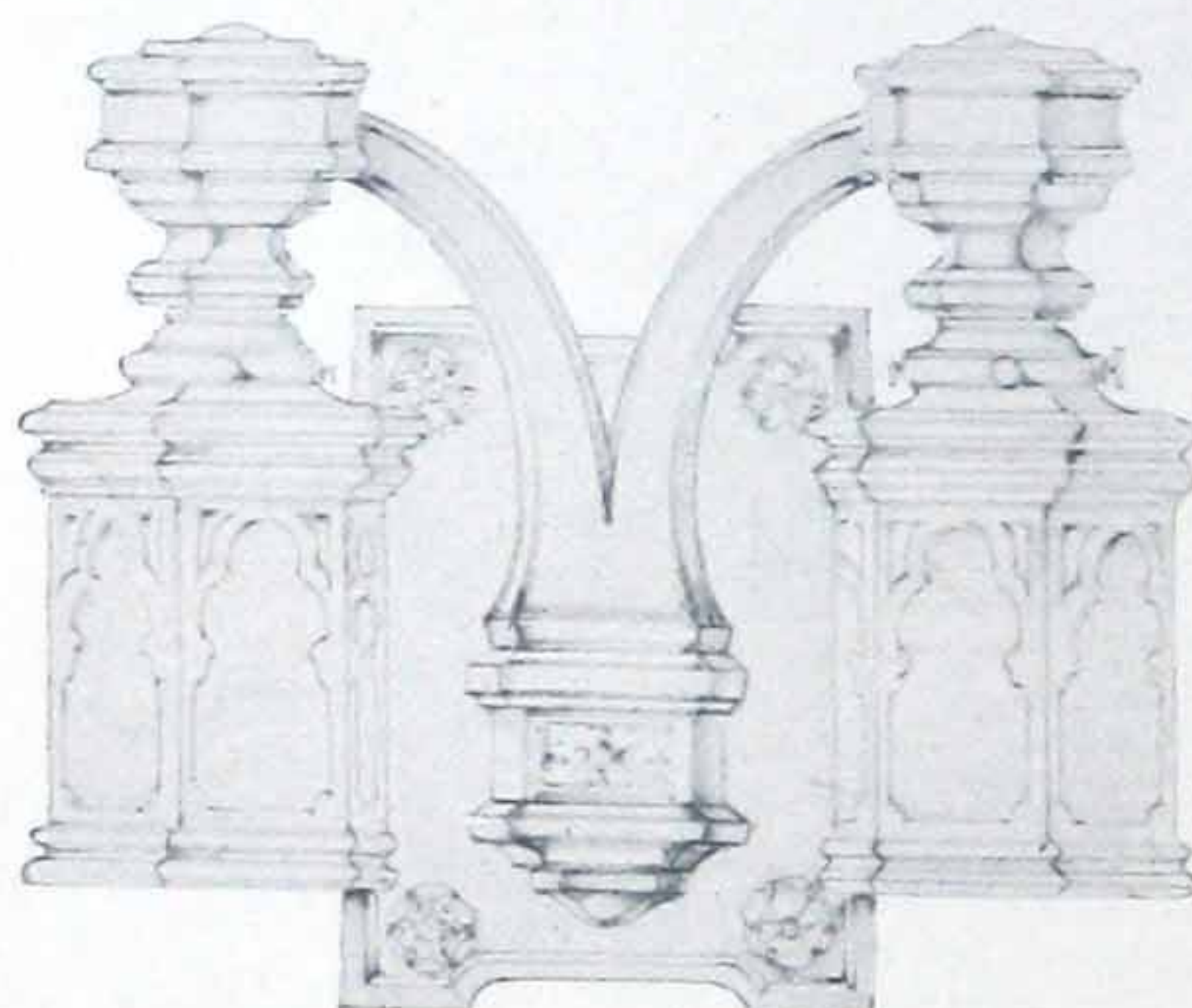
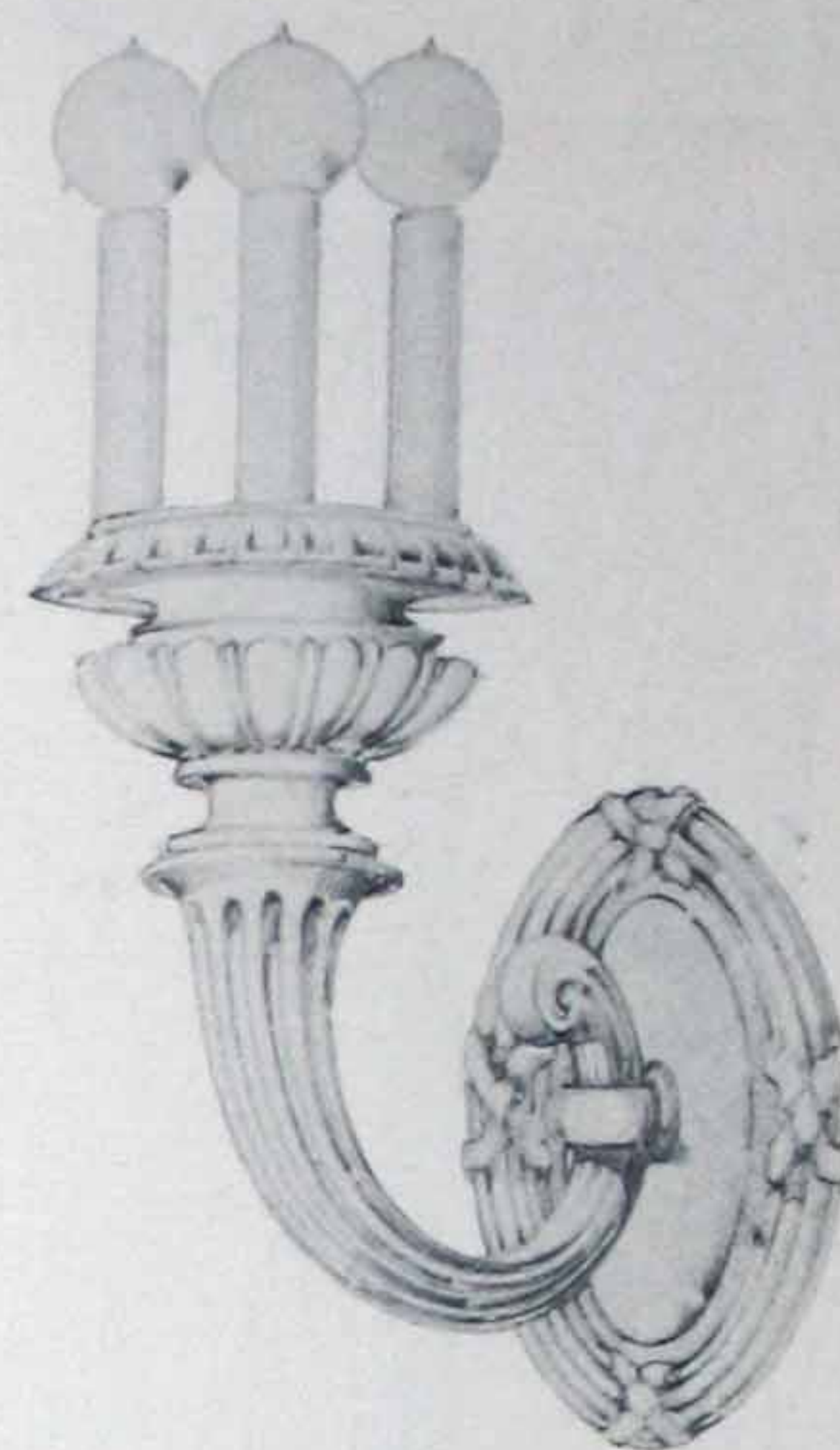
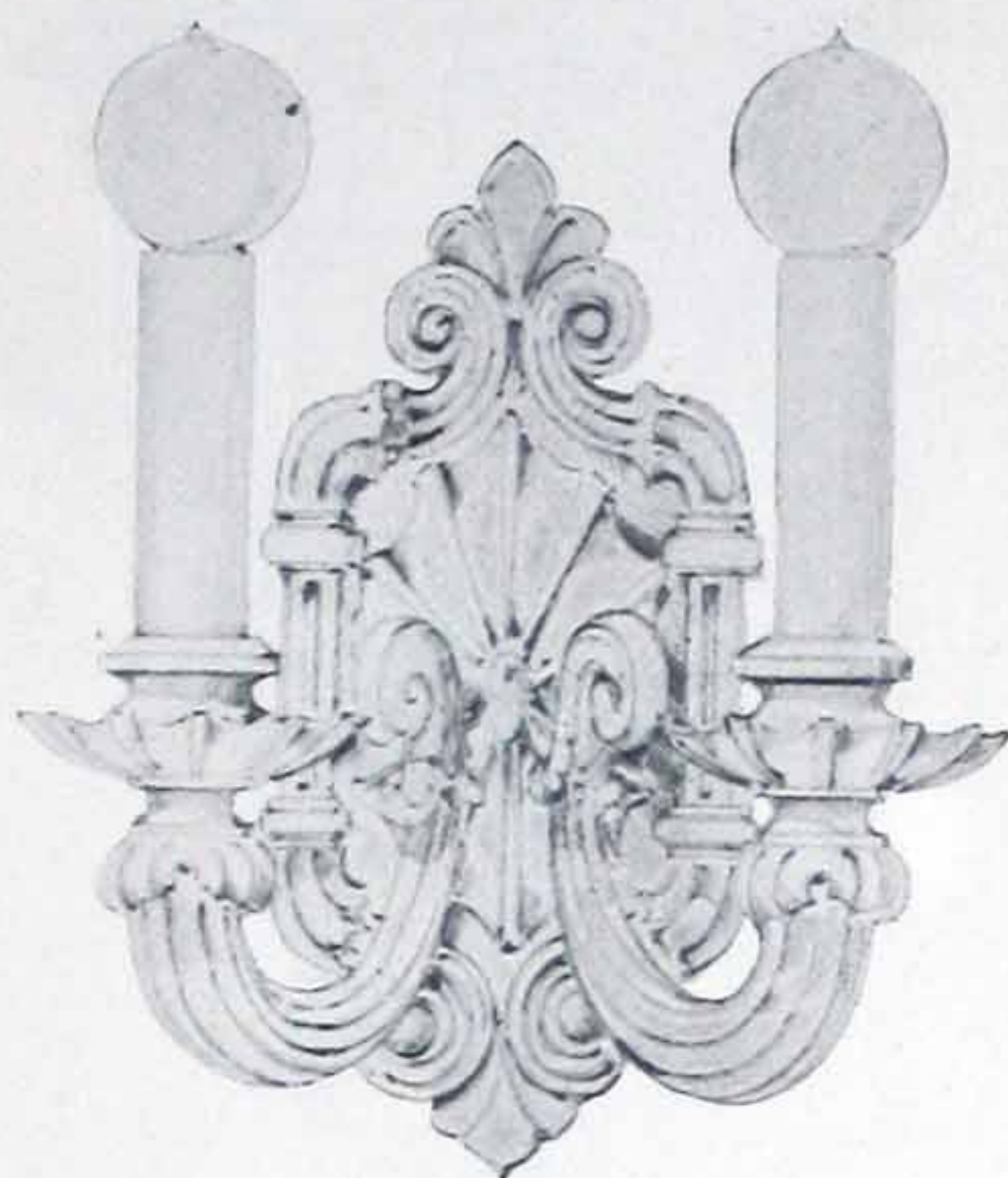
| | | | | |
|--------|---|------------|---------|--|
| †2511P | 1 | 75 | \$36.50 | |
| 2511Z | 1 | 100 or 150 | 36.50 | |

| | | | | |
|------------------|---|-----------------|---------|--|
| Length 24 inches | | Depth 12 inches | | |
| †2512P | 2 | 75 | \$49.50 | |
| 2512Z | 2 | 100 or 150 | 49.50 | |

| | | | | |
|------------------|---|-----------------|---------|--|
| Length 36 inches | | Depth 12 inches | | |
| †2513P | 3 | 75 | \$62.50 | |
| 2513Z | 3 | 100 or 150 | 62.50 | |

14-inch box has one supporting bracket. Fixture shows how flowers, vines or draperies can be used for decorative effects.

| No. 1761 Design—Compone Wall Urn for Indirect Lighting | | | | |
|---|------------------|--------------------|------------|--|
| Extends 11 1/4 inches | | Height 15 inches | | |
| Catalog No. | No. of "C" Lamps | Type Size in Watts | Price Each | |
| †1761P | 1 | 75 | \$37.00 | |
| 1761Z | 1 | 100 or 150 | 37.00 | |



No. 1439X

Size of Back Plate—5 x 10 inches
Furnished in any Compone Finish

| <i>No. of Lights</i> | <i>No. of Arms</i> |
|--------------------------|------------------------|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |

Price upon application. Be sure and specify quantity needed.

Bracket designed to harmonize with Indirect Fixtures shown on pages 45 and 49.

No. 2201X

Size of Back Plate—6 x 8 inches
Spread 13 inches Extends 7 inches
Opal Glass Shades
Furnished in any Compone Finish

| <i>No. of Lights</i> | <i>No. of Arms</i> |
|--------------------------|------------------------|
| 2 | 2 |

Price upon application. Be sure and specify quantity needed.

Bracket designed for use with Indirect Fixtures shown on page 55.

No. 1900X

Size of Back Plate—6½ x 10 inches
Height 20 inches Extends 12 inches
Furnished in any Compone Finish

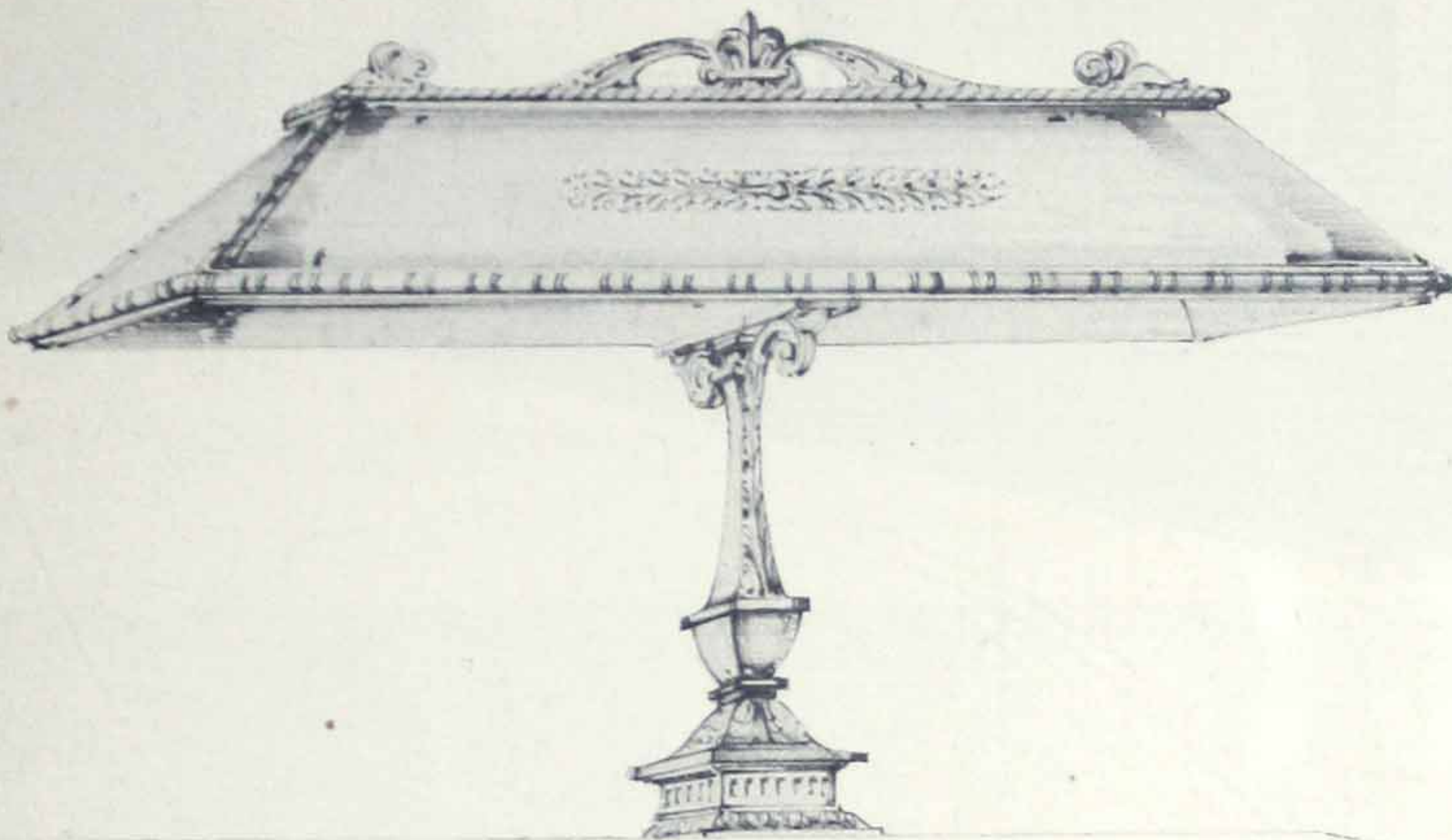
| <i>No. of Lights</i> | <i>No. of Arms</i> |
|--------------------------|------------------------|
| 3 | 1 |

Price upon application. Be sure and specify quantity needed.

Bracket designed to harmonize with Nos. 454 and 3882 Indirect Fixtures shown on page 53.

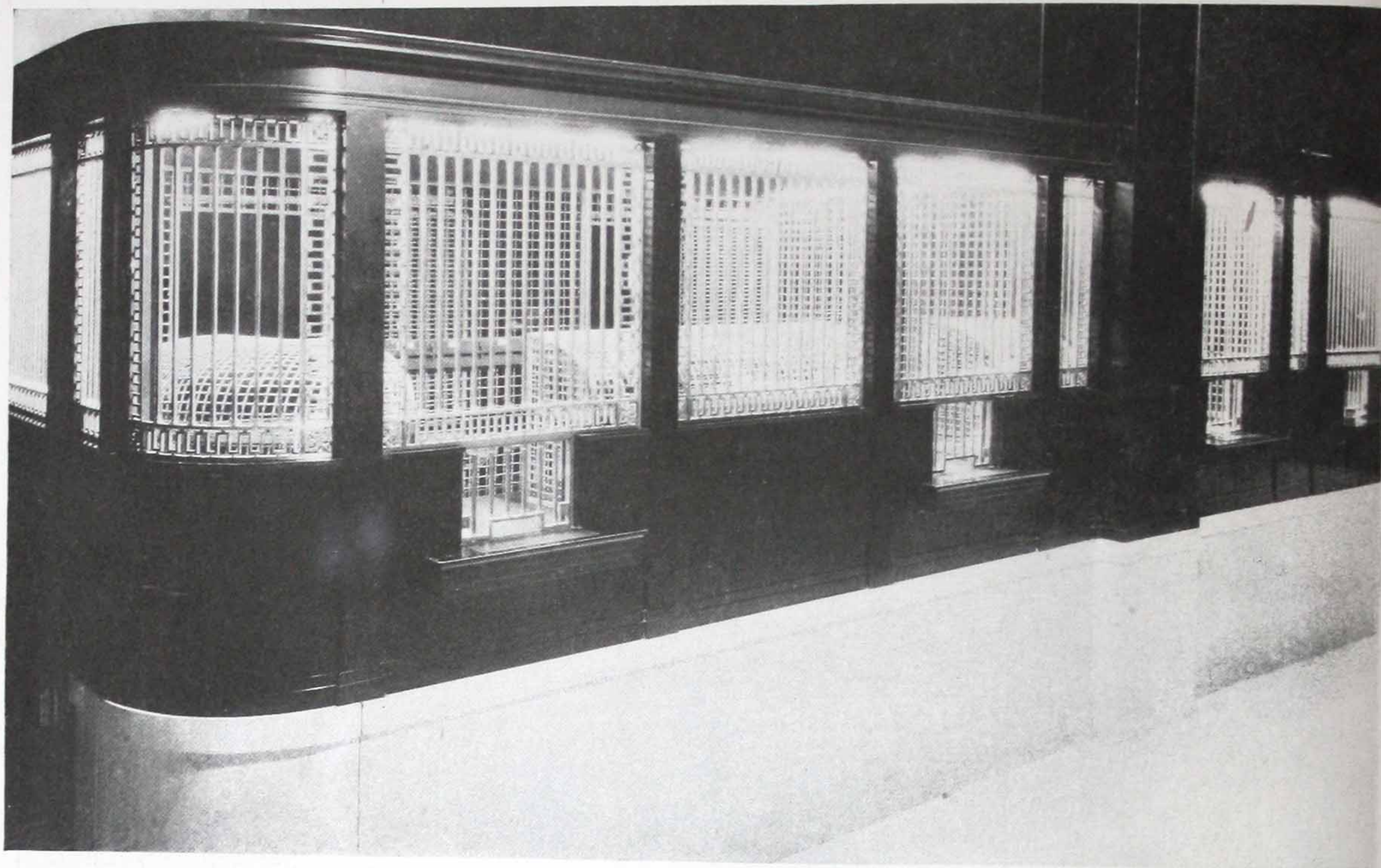
BANK DESK LIGHTING

SECTION SIX



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yed by our designing

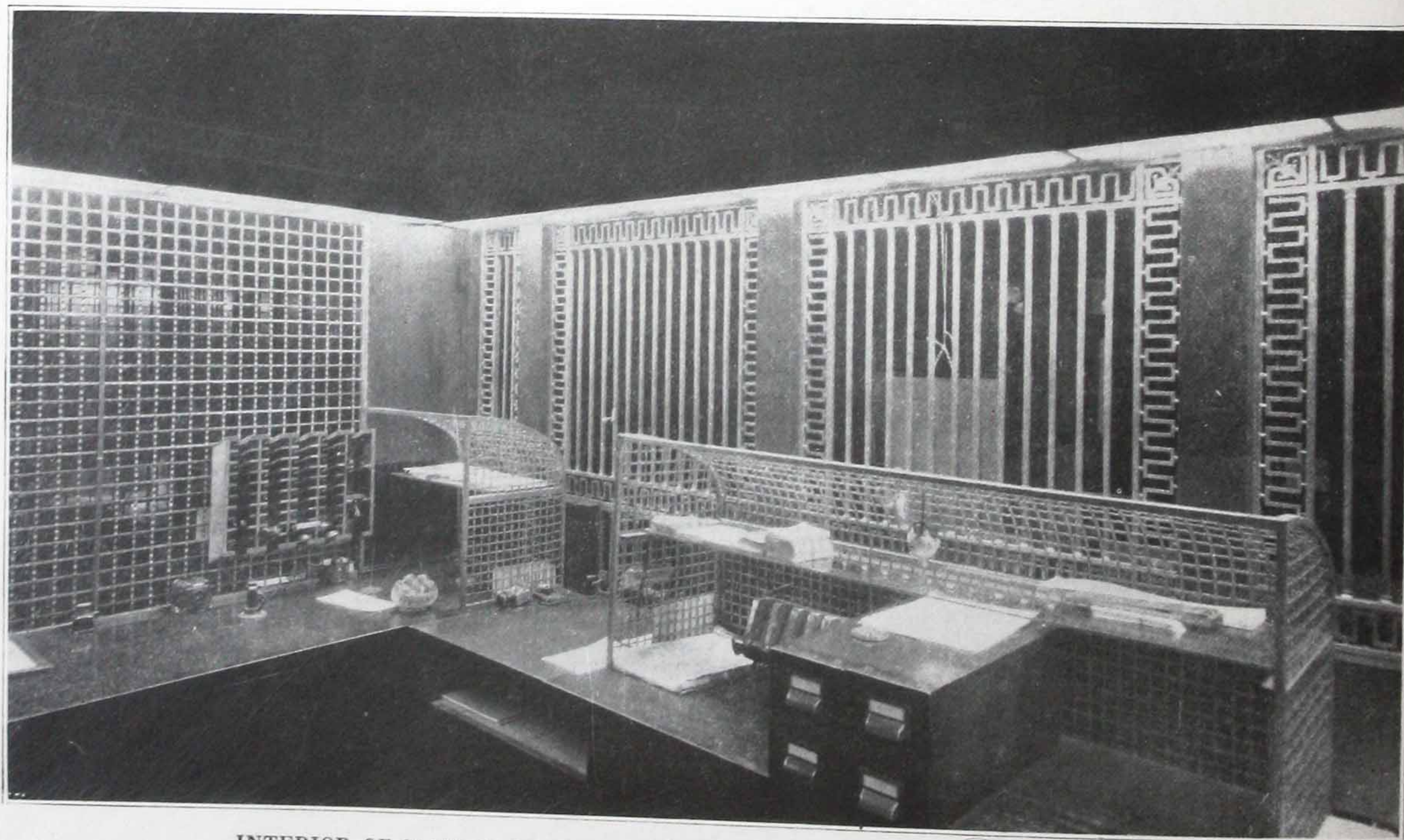
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Albert Pretzinger,
Edw. P. Musselman, } Architects
Dayton, Ohio

CITY TRUST & SAVINGS BANK
DAYTON, OHIO
EXTERIOR VIEW OF CAGE

Wm. P. Hall Electric Co.
Electrical Contractors,
Dayton, Ohio



INTERIOR OF SAME CAGE SHOWING X-RAY BANK DESK LIGHTING EQUIPMENT

X-Ray Bank Desk Lighting

A GREAT many banks require lighting inside the cages in addition to the general illumination received from the overhead lighting system. For this purpose, the equipment described in this section has been developed and perfected in conjunction with prominent bank architects.

An individual X-Ray Reflector is used over each lamp. The high efficiency of this reflector makes possible the use of only 10 or 15 watt lamps as compared

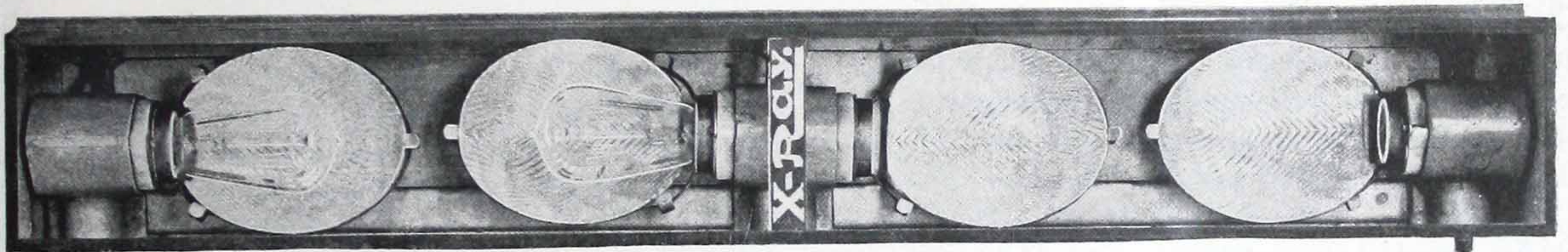
to 25 watts used in other equipment. The lamps and interior equipment are concealed by prism plate

glass at the bottom of the housing. This special glass diffuses the light, distributing the rays evenly on the desk below. It absorbs less light and is more easily cleaned than ordinary frosted glass.

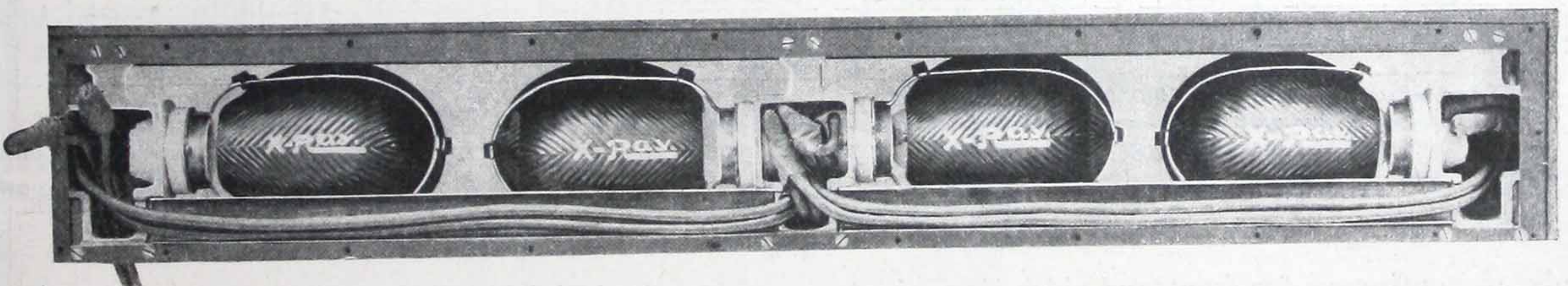
Excellent lighting results are produced in the most economical manner by using this highly efficient equipment.

ITS GOOD POINTS

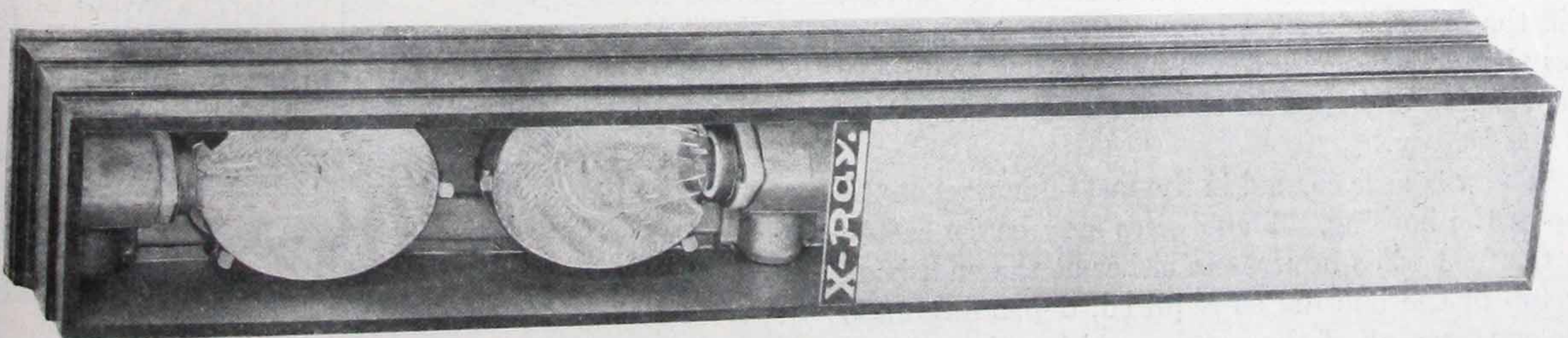
1. Most light for least money.
2. Uses standard lamps.
3. X-Ray reflectors make light distribution perfect.
4. Permanently efficient.
5. Easy to clean and maintain.
6. Compact and neat.
7. Simple to install.
8. Designed by X-Ray engineers—built with X-Ray thoroughness—gives X-Ray lighting satisfaction.



Bottom view of four light section, glass panels removed



Top view of section with cover removed showing wiring details



View of section from below, one glass panel removed

Construction--Installation

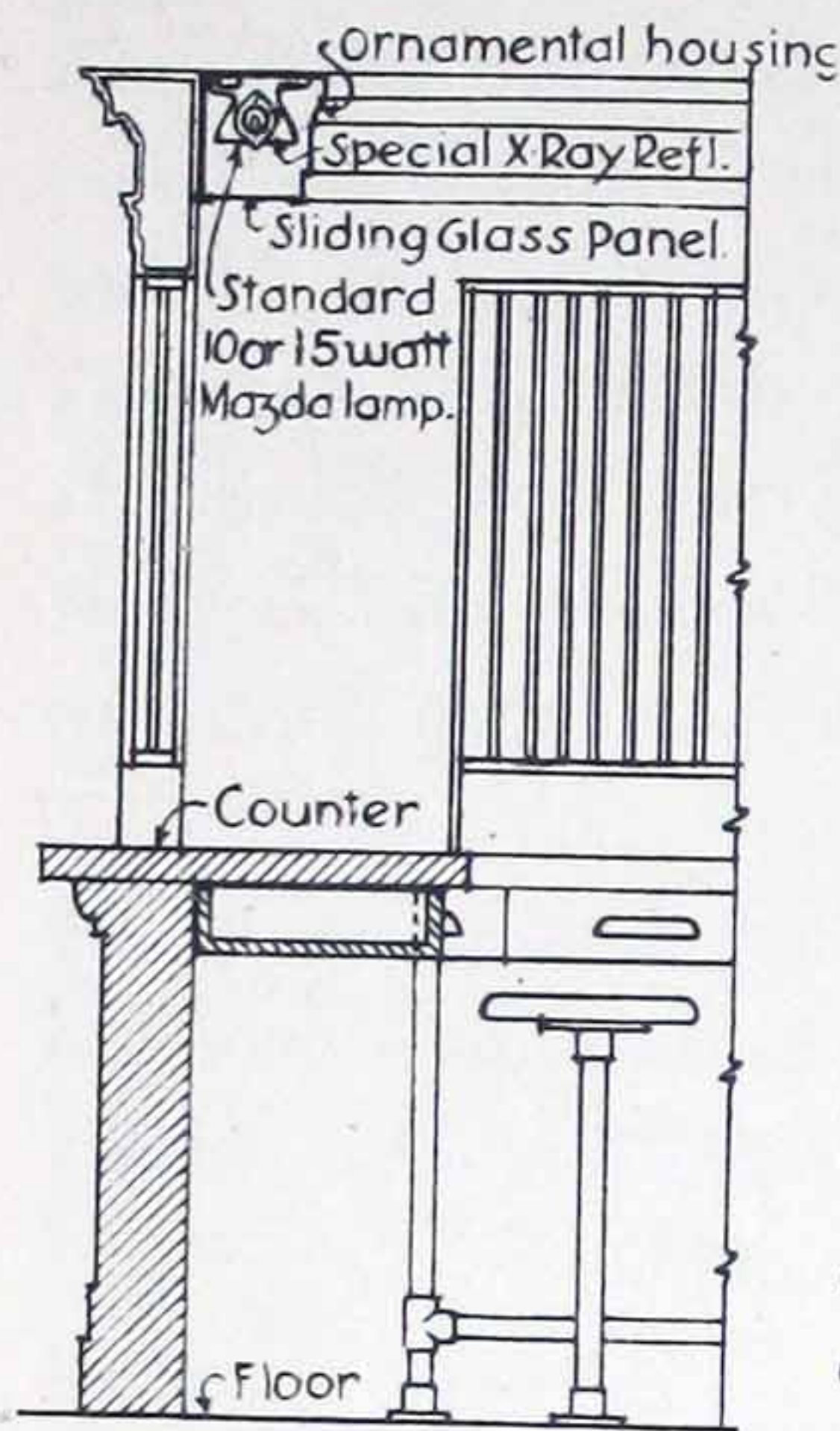


Fig. 1

The return ends use the same moulding shown on the front and are especially desirable where the ends are exposed to the public. Mitres are required when connecting two sections to form an angle—such as an “L” or “T” section.

Sections are made straight or curved to fit the cornice or bank grill and may be supplied for wickets

THE housing, which contains the reflectors and other equipment, is made of heavy gauge steel having ornamental moulding for facings, with plain top and back. The same design of moulding may also be furnished in heavy gauge bronze. A cross section of the housing is shown in Figure 3.

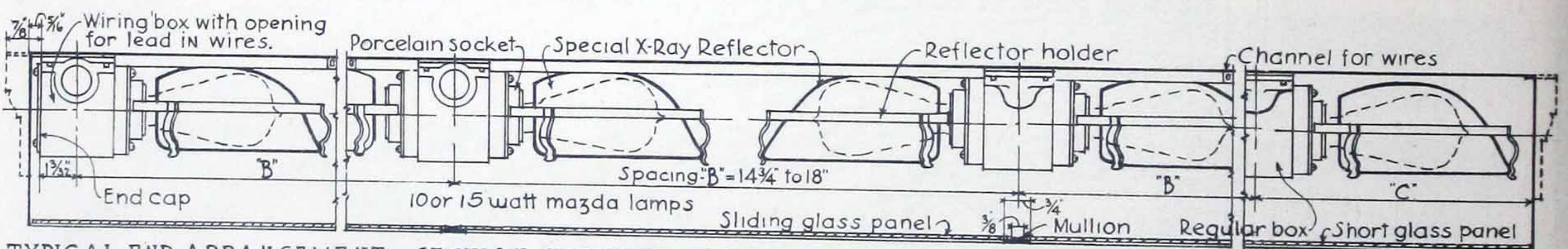
The ends may be plain as shown by the heavy line or return as shown by the dotted line in Figure 2.

The method of attaching this equipment inside the cage depends upon the type and design of cornice to which it is attached. It is necessary to determine this point for each particular installation.

The exterior of the housing may be finished to closely imitate the finish on the cornice, either wood or metal. Mahogany, oak, walnut, black, green, sprayed bronze paint and other finishes to match samples can easily be applied. The interior is finished in aluminum bronze paint.

All details of construction are carefully considered in the manufacture of this equipment, using the best of workmanship, materials and finishes. As is characteristic of all X-Ray Lighting, correct results are obtained at the least expenditure for electric current.

In ordering or requesting a quotation on this equipment, it is necessary to have plan of cages showing location at which it is required, also full size sectional drawing of cornice and cage partition. If plans are not available, state metal, length, style of end, number of mitres, number and radius of quarter circles, if any, and finish.



TYPICAL END ARRANGEMENT • SECTION SHOWING PROPER SPACING OF UNITS • ALTERNATE END ARRANGEMENT
Recommended for standard Bank Rail installations. To relamp or clean reflectors lift up glass panel and slide over next piece. Avoid this if possible by using an even number of lights in trough
SCALE 2"=1'-0"

Fig. 2

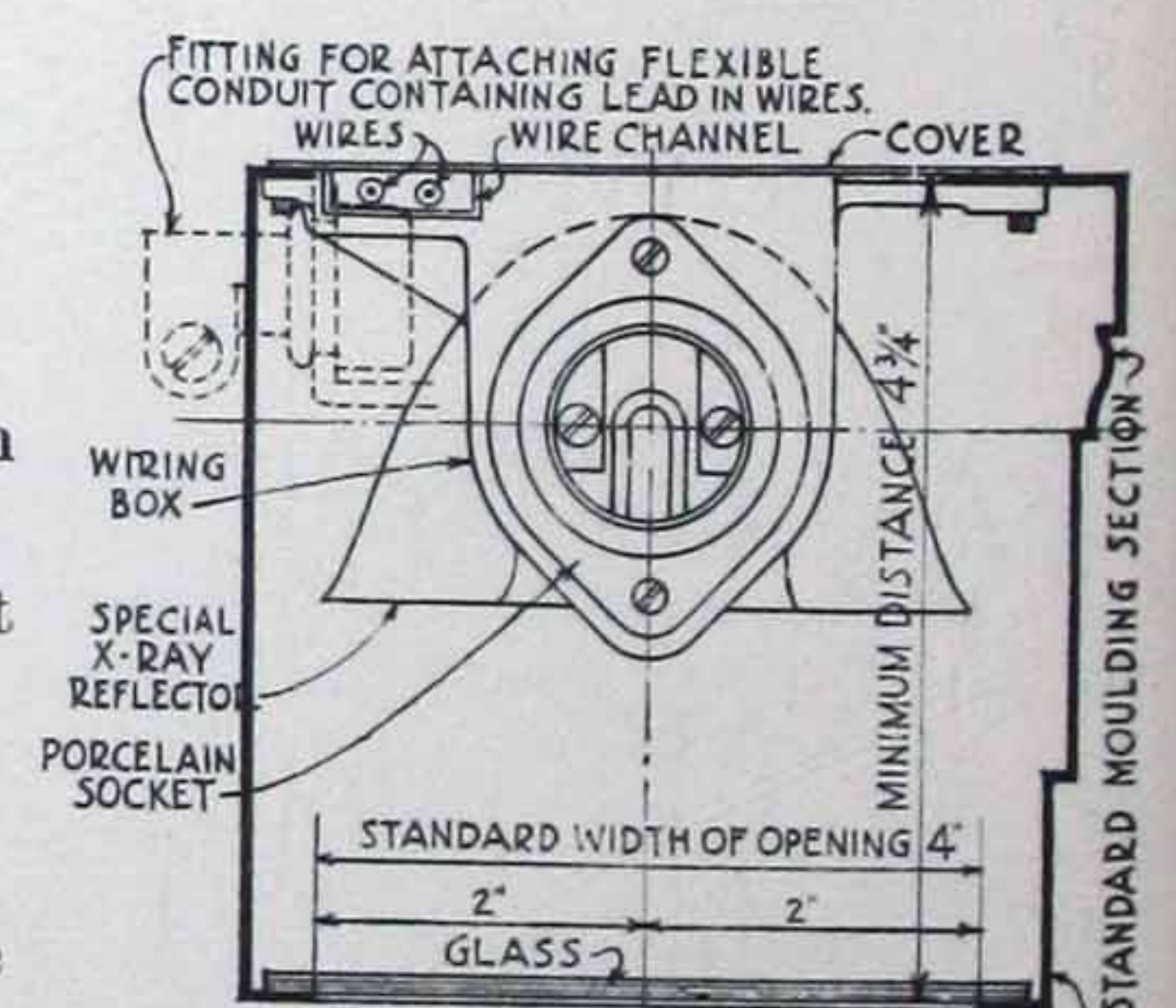
Standard Finishes For Steel.

| Finish No. | Description |
|------------|--------------------|
| B 502 | Mahogany-light |
| B 503 | Mahogany-medium |
| B 504 | Oak |
| B 505 | American Walnut |
| B 506 | Verdi Green |
| B 507 | Library Green |
| B 508 | Dull Black |
| B 509 | Brush Brass Bronze |
| B 510 | Gold Bronze |
| B 511 | Natural Bronze |

only, or continuous for front and sides if required.

The spacing of the lamps is so determined as to eliminate a spotly appearance on the glass and will vary with the length of the section. In no case will the center of socket boxes be over 18 inches or less than 14 3/4 inches. It is unnecessary to specify the spacing of lamps as this is automatically done at the factory.

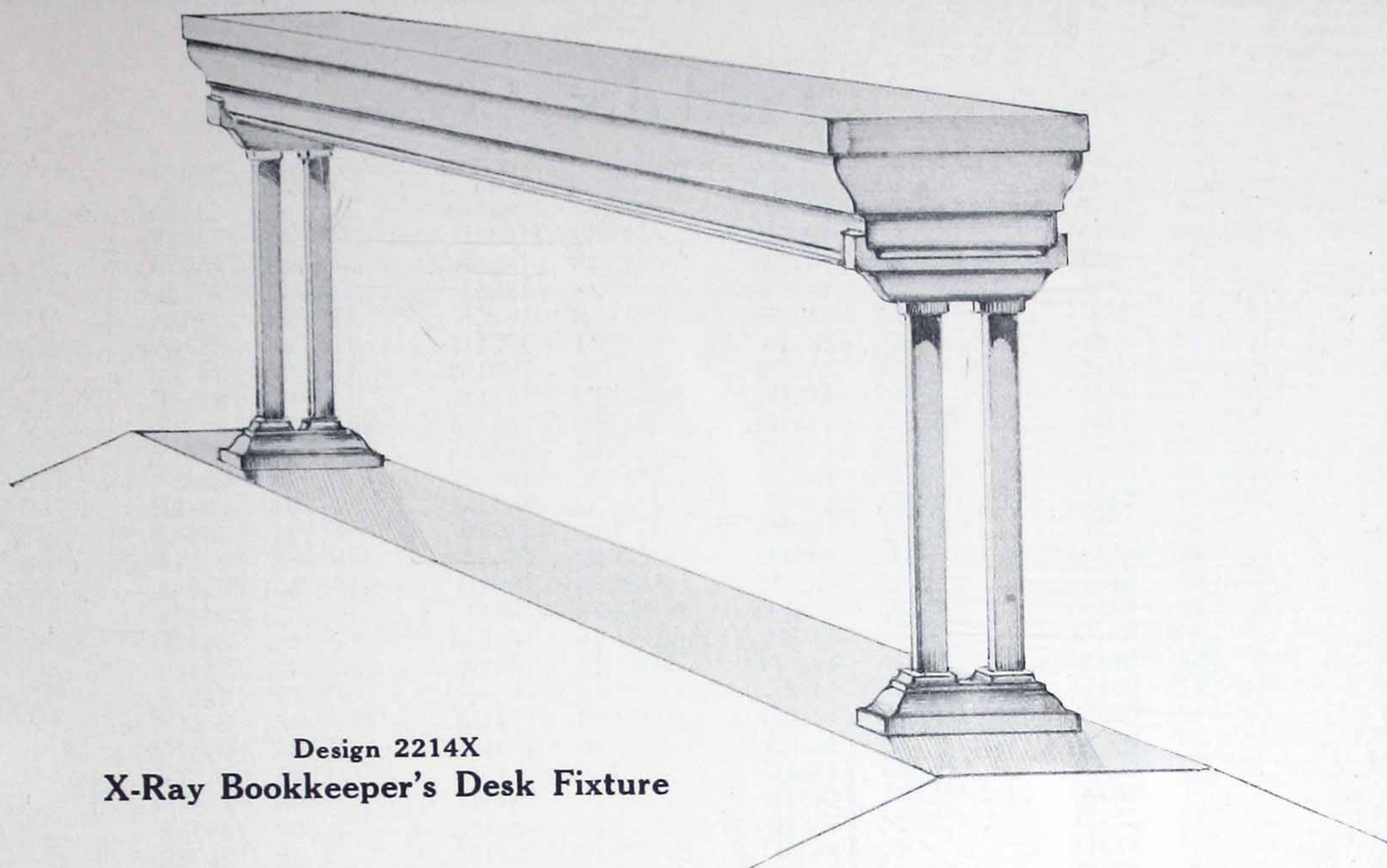
The wires are carried in the metal channel at the top of the housing. These wires may be connected to the feed wires brought in either at the end, back or top of the housing as required, depending upon the construction of the cornice and location of feed wire.



SECTION THRU LIGHTING TROUGH

Fig. 3

Special finishes to match samples at slightly additional cost.

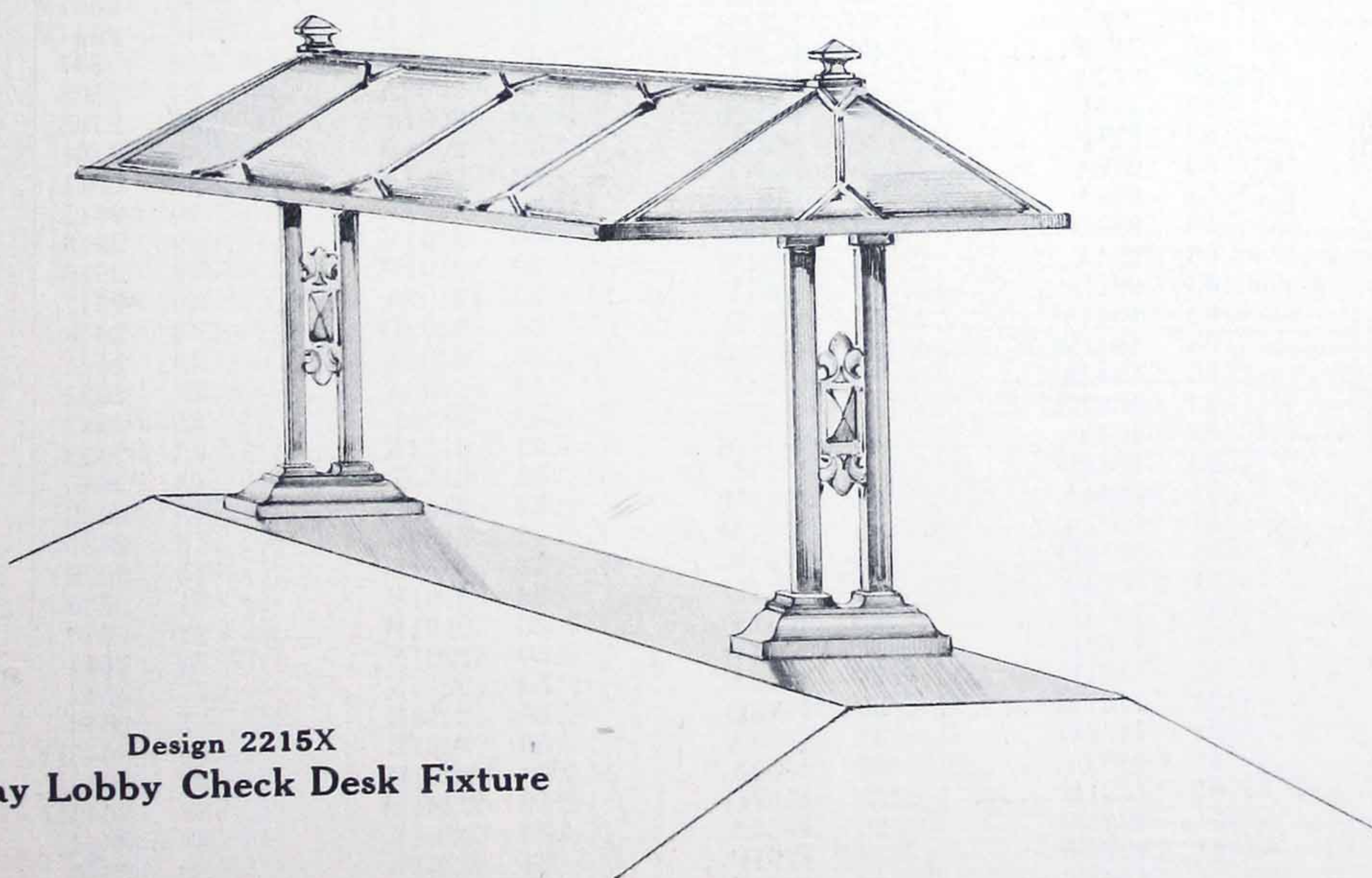


Design 2214X
X-Ray Bookkeeper's Desk Fixture

A fixture for lighting double or single desks to a strong, uniform intensity using small standard lamps with X-Ray Reflectors. The lamps are placed as close as practical, depending upon the length of section.

The housing is made of steel, 3 inches high, $5\frac{7}{8}$ inches wide and may be finished in mahogany, oak, sprayed bronze or any other paint finish. The housing may also be supplied in genuine bronze in natural finish.

In ordering or requesting a quotation state metal, finish, overall length in inches, exact distance between centers of supports. Prices on application.



Design 2215X
X-Ray Lobby Check Desk Fixture

A fixture designed especially for bank lobby check desks. The top is 10 inches wide and 4 inches high. The overall height is $15\frac{1}{2}$ inches. The metal is brass which is finished brush bronze as standard, although it may be supplied in other finishes. The panels in the top are made of amber tinted art glass. Pull chain brass sockets are furnished.

In ordering or requesting quotation state finish, overall length in inches and distance between centers of supports. Prices on application.

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Books About Lighting

As originators and perfectors of modern methods in lighting, the research work of our Engineering Department and the rapid spread of concealed lighting methods makes necessary the publication of authoritative data in book form to guide architects, engineers and contractors in planning and installing modern lighting and also to standardize methods. Many are gladly sent free, others are very elaborate and are published for certain classes of professional men.

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Single Copies Free on Request

How to Know and Have Good Lighting—(*Serial No. 124.*) Dedicated to all those who realize the need of good lighting. Contains impressive illustrations and convincing descriptions which make it the handsomest book ever published in the lighting field.

Office and Bank Lighting—(*Serial No. 134.*) Illustrating the efficient lighting of the most modern interiors in these classes and showing the system in use by the biggest business houses and banks in the world.

Church Illumination—(*Serial No. 125.*) The scientific illumination of the house of worship, and the influence of good lighting on attendance.

The Logical Light for the Hospital—(*Serial No. 133.*) Common-sense talk on a vitally important subject. Copiously illustrated with pictures of hospitals which have adopted the X-Ray Indirect Lighting System.

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Show-Case Lighting—(*Serial No. 129.*) The X-Ray Scoopette, described in this book, has made show-case lighting so inexpensive that every merchant may have the sales benefit of well lighted cases.

X-Ray Industrial Lighting—(*Serial No. 108.*) Descriptive of modern and efficient methods of industrial illumination.

Catalogue No. 20 Jr.—(*Serial No. 282.*) Containing prices on all X-Ray Direct Lighting Reflectors.

